



# NGUYỄN MINH VIỆT

**Full Stack Developer – also strong Mobile & Sysadmin**

**+843 7777 1094** – have own MacBook, prefer remote or work in **Ho Chi Minh City**

**Email:** [Zengratul@gmail.com](mailto:Zengratul@gmail.com) **Homepage:** [Minhviet.tk](https://Minhviet.tk) **Status:** Married

**Date of birth:** 23-02-1991 **Nickname at work:** **Baron** **Social:** [Facebook](#) [Gitlab](#) [GitHub](#) [LinkedIn](#) [Skype](#)

**Hobby:** Helpful enthusiasm, willing to share knowledge, friendly support fix bug, join in charity event. Love sport, good at badminton, soccer and go swimming. Often create demo or base source code, research update code pattern, new framework to level up myself in my free time.

**Advantage:** **Good friendly communication** with everyone. **Have many good friends** to help at work. Usually write tools myself or finding working tools to improve productivity and save time.

**Disadvantage:** **Prefer applying new technology, sleeping** at afternoon. Hate overdrink beer, smoking.

**Objective:** Become GREAT FULL STACK & SOLUTION ARCHITECTURE (Include Mobile & Sysadmin skills).

**Special technical skills:** **Good Sysadmin skills (AWS, Azure experience), Ansible, Terraform**, frequently write code to build full system FE, BE and CI/CD, **Docker, Kubernetes, Helm** deployment in cloud servers. Of course, used to do **Serverless** deployment for **Lambda**. I installed myself **LAMP stack (similar XAMPP)** to develop PHP project in local pc.

**Main stack I have good at:** (Prefer **Node JS**, also good use **PHP, Python**)

Frontend: **TypeScript, React JS (React Context), Next JS, Redux (Redux Observable, Redux Saga), React Hook form (Formik), i18Next, Commit Lint, Prettier, ESLint, Lint Staged Husky, Electron.**

Mobile: **React Native**, used to implement Facebook, Google authentication, **Appcenter (Codepush + CI/CD for Mobile)**, have many experiences in upgrading version React Native.

UI Framework: **Ant Design, Material UI, Prime React, Swagger** (show API), **Nativebase, Shoutem** (React Native), **Socket IO.**

→ Experience cookie security, header cache control for web browser, XSS security, parameterized SQL Query to **anti SQL Injection**, optimize lite speed cache, page speed insight.

Backend: **AWS (Lambda, Cloud Watch, Gateway, Cognito, Cloud Front, S3 Storage), TypeScript, Nest JS CQRS, Keycloak, GraphQL, Passport, Rx JS, Socket IO, Redis, TypeORM.**

→ Experience full RESTful API, caching skill for monolith or microservice, optimize performance DB.

Database: **MongoDB, MySQL, PostgreSQL, Elastic Search.**

Dev Ops: **Docker + Compose, Grafana + Prometheus, Glances, NCDU, JMeter, Nginx, PM2, cPanel.**

→ Experience automation test with **JMeter**, deploy by docker compose, CI/CD by Gitlab Runner.

Cloud: Usually use **Ansible, Terraform, Docker, Helm** to quickly deploy new server in Azure.

**My personal base source code:** (Frontend: **Next JS Typescript, Ant Design, React Context, React Query, React Hook Form, Yup, Socket IO, i18Next**, Backend: **Nest JS (Extend Base CRUD Repository), Event Emitter, Bull Queue, Swagger, TypeORM, Passport JWT Authentication, Swagger.**

Mobile: **React Native, Keychain**). Server: **Terraform, Ansible, Serverless, Nginx, Redis, PostgresDB, MongoDB**. I usually use my base source code to **SAVE TIME** to start new project.

February 2023 – **CURRENT**

**Full Stack Developer – [IT-Artists.ch](#) (Outsource Coworking with Switzer Team)**

Start new project [Parlamapp.ch](#) for getting vote about new policy in Switzerland government, [Gaiavida.ag](#) for multi-level marketing online shop. [v4.proair-app.com](#). is maintenance project, upgrade full, convert from PHP to Node JS.

May 2021 – February 2023

**Full Stack Developer – [Topica.edu.vn](#) (Edumall Coworking with Indian Team)**

Develop ecosystem EdTech includes 4 main projects [Edumall](#) for course education ecommerce, [Topica Native](#) for eLearning English, [Topica Corporate](#) for brand marketing, [Topica Custom](#) for each colleges and universities.

April 2019 – May 2021

**Full Stack Developer - [Orient Software](#) (Offshore Coworking with Germany Team)**

Start new project [XO](#), [IoT - Kaercher Home & Garden \(React Native\)](#), develop new projects for [Kaercher](#) Team.

October 2016 - April 2019

**Full Stack Developer - [FPT Telecom](#)**

Start project [FSend](#) mobile for FShare Team by [FSend \(React Native\)](#), [Attila \(Electron\)](#) & develop backend system for Advertisement Team by [Adsplay \(Laravel Lumen\)](#).

September 2014 - October 2016

**Frontend Developer - [MMOSolution.com](#)**

Develop extension module for [PHP OpenCart](#) eCommerce ecosystem.

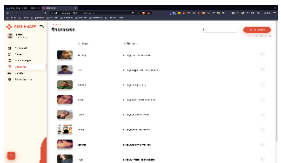
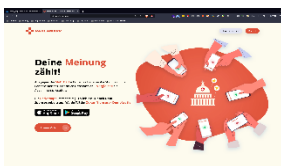
2009 - 2013

**Bachelor Degree – Business English**

Study at University of technology.

**LATEST MY DETAIL IN HOMEPAGE: [Minhviet.tk](#)**

## PARLA (IT ARTISTS)- VOTE POLICIES APP FOR SWITZERLAND GOVERNMENT



**TEAM:** 1 Switzer Project Manager, 3 Vietnamese Frontend + Backend, 1 Switzer Designer, 1 Vietnamese Tester.

**DURATION:** Start new as **Full Stack Developer (Mobile & Sysadmin)**.

**PLATFORM:** Server (Azure Kubernetes by my Terraform, Helm code), Backend (Nest JS), Web (Next JS), Mobile (React Native).

**TECHNOLOGIES:** **Server:** Azure Kubernetes, Redis, PostgresDB. **CI/CD:** Bitbucket Pipeline, Helm. **Backend,** Nest JS, TypeORM, Swagger, Nodemailer, Passport JWT and Twilio 2FA Authentication. **Web:** Next JS, Ant Design, React Context, React Query, React Hook Form, Yup, i18Next. **Mobile:** React Native.

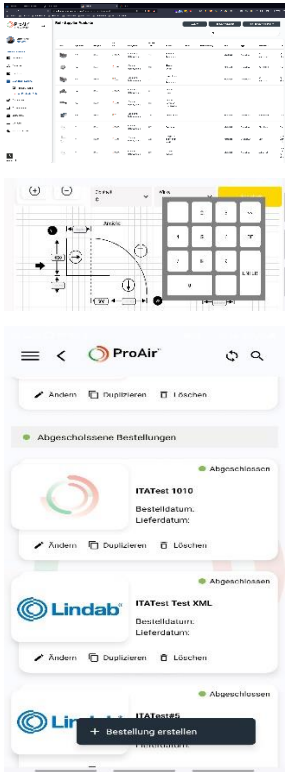
**TOOLS:** VSCode, Postman, DBeaver, Flipper, Bitbucket, DB Diagram.

**LINT:** ESLint, Prettier, Commit Lint, Style Lint.

**OVERVIEW:** Parla ([Parlamapp.ch](#)) is vote app to make public new policies for Switzer government. Admin role will add new discussion issue with image, video. User role will vote, react like, dislike emotion, comment to discuss detail.

**EXPERIENCE ACHIEVED:** Implement quick deployment Azure K8S by Terraform and create scalable services by Helm, add auto backup database. Investigate to save budget cost for client and fix failed state not enough RAM. Compress image, delete old image after updating to save Azure blob storage. Optimize performance for complex relation database, Implement 2FA by Twilio SMS mobile phone.

## PROAIR (IT ARTISTS)- ORDER CONSTRUCTION TOOLS APP



**TEAM:** 1 Switzer Project Manager, 3 Vietnamese Frontend + Backend, 1 Switzer Designer, 1 Vietnamese Tester.

**DURATION:** Maintain & upgrade new system as **Full Stack Developer**.

**PLATFORM:** Server (Azure Kubernetes by my Terraform, Ansible code), Backend (PHP Yii 2), Web (Angular), Mobile (React Native).

**TECHNOLOGIES:** **Server:** Azure VM, Redis, MySQL, Apache. **Backend:** PHP Yii, SQLite for synchronization with mobile. **Web:** Angular, Wordpress. **Mobile:** React Native, SQLite.

**TOOLS:** VSCode, Postman, DBeaver, Flipper, Bitbucket.

**LINT:** ESLint, Prettier.

**OVERVIEW:** **Pro Air** is order tool app for construction major. Application will list many manufacturers with their product. Users can select conveniently, design personal tool throughout SVG vector parameter, then make order in app.

**EXPERIENCE ACHIEVED:** Fix issue in SQLite synchronization from mobile.

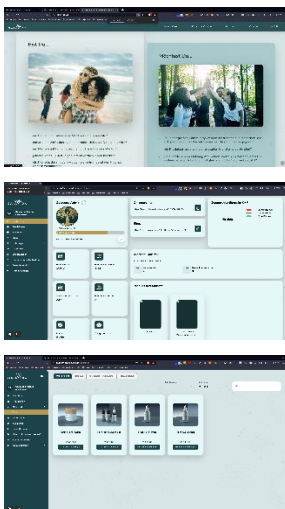
Create new mobile version with trial, subscription, sandbox with Apple Store.

Implement drag and drop SVG vector for creating new tool.

Convert mobile from Cordova to React Native.

Upgrade new version API for PHP Yii backend.

## GAIVIDA (IT ARTISTS)- MULTI LEVEL ONLINE SHOP



**TEAM:** 1 Switzer Project Manager, 3 Vietnamese Frontend + Backend, 1 Switzer Designer, 1 Vietnamese Tester.

**DURATION:** Support Angular UI and deploy Azure K8S by Terraform.

**PLATFORM:** Server (Azure Kubernetes by my Terraform), Backend: C# MVC Core, Web: (Angular, Wordpress).

**TECHNOLOGIES:** **Server:** Azure Kubernetes, Redis, MySQL. **Backend:** C# MVC Core. **Web:** Angular, Wordpress.

**TOOLS:** VSCode, Postman, DBeaver, Bitbucket.

**LINT:** ESLint, Prettier.

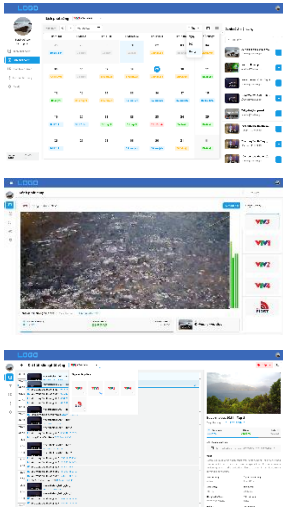
**OVERVIEW:** **Gaivida.ag** is multi-level online shop for health products.

**EXPERIENCE ACHIEVED:** Learn a little C# MVC Core.

Build server Microsoft Azure Kubernetes from scratch for production.

Investigate to save budget cost for client and fix failed state not enough RAM.

## FAST CHANNEL (TOPICA)- STREAM CHANNEL MANAGEMENT DASHBOARD FOR BROADCASTERS



**TEAM:** 1 Project Director, 2 Vietnamese Frontend + Backend Norway outsource team, 2 designers.

**DURATION:** Start new as **Full Stack Developer**.

**PLATFORM:** Backend (Digital Ocean Kubernetes), Web (Next JS).

**TECHNOLOGIES:** **Backend:** Kubernetes, Redis, MongoDB, C#, Nest JS, CQRS. **Web:** Next JS, Ant Design, Socket IO.

**TOOLS:** VSCode, Postman, DBeaver, Yarn, Gitlab.

**LINT:** ESLint, Prettier, SonarQube.

**OVERVIEW:** Fast Channel is a stream channel management solution for national VTV broadcaster. Because their system is so old, inconvenient, complex management, so they often get trouble with live stream from another partner broadcaster.

**EXPERIENCE ACHIEVED:** Implement Socket IO sync state multi users.

Implement live stream HLS to view videos, change multi channels.

Build good UI custom calendar with day, month, year.

Work with live stream backend transcode HLS.

## EDUMALL (TOPICA)- COURSE EDUCATION ECOMMERCE



**TEAM:** 1 PM, 3 Vietnamese + 3 Indian developer, 2 testers.

**DURATION:** Continue develop as **Full Stack Developer**.

**PLATFORM:** Backend (Google Kubernetes), Web (Next JS).

**TECHNOLOGIES:** **Backend:** Google Cloud (Kubernetes, Helm, Terraform, Postgres, Atlas MongoDB, Elastic Search), Express, GraphQL Federation. **Web:** Next JS, Material UI.

**TOOLS:** VSCode, Postman, DBeaver, Yarn, Gitlab.

**LINT:** ESLint, Prettier.

**OVERVIEW:** [Edumall](#) is small course education ecommerce technology which sells course, combo course with many major (English, soft skills, programming ...). It's business model similar to Coursera, Udemy.

**EXPERIENCE ACHIEVED:** Make friend with Ansible, Terraform.

Build blog with WordPress backend, integrate with GraphQL federation.

Optimize and save time building docker repository.

Experience in building GraphQL Federation. Use Mautic as a data service collection user information by checking request from form.

## ULP BHU (TOPICA UNI) - CUSTOM CLEANING FOR UNIVERSITIES



## TOPICANATIVE - ENGLISH EDUCATION



## TOPICA.EDU.VN



**TEAM:** 1 PM, 3 developer, 1 tester and 6 operation members.

**DURATION:** Continue develop as **Full Stack Developer**.

**PLATFORM:** PHP Moodle, Frontity React + WordPress.

**TECHNOLOGIES:** **Web:** Moodle, Code Igniter, Frontity React + WordPress.

**TOOLS:** VSCode, Postman, DBeaver, Yarn, Gitlab.

**LINT:** ESLint, Prettier.

**OVERVIEW:** [Topica.edu.vn](https://topica.edu.vn) is corporate website, news blog, introduce to all small projects. [Topicanative.edu.vn](https://topicanative.edu.vn) is blog about English education, go to online class. [Bhu.edu.vn](https://bhu.edu.vn) is private solution for Bắc Hà university, MOOC.

**EXPERIENCE ACHIEVED:** Install Apache, MariaDB, MongoDB myself instead of using XAMPP.

## ISHIKAWA CONNECT (ORIENT) - TRAVEL SERVICE



**TEAM:** 1 PM (Tech Lead), 2 BA (BSE), 3 developer, 1 supporter, 1 tester.

**DURATION:** Start new as **Full Stack Developer** (Main role **Backend**).

**PLATFORM:** Backend (AWS Lambda), Web (React), Mobile (React Native).

**TECHNOLOGIES:** **Backend:** AWS (SDK, Lambda, Serverless, Cognito, Gateway, Cloud Watch, Cloud Front, S3 Storage, RDB Postgres). **Web:** React JS, Material UI, Formik, Yup, Notistack, AWS SDK, Redux (Thunk). **Mobile:** React Native, Redux (Logger, Persist, Saga).

**TOOLS:** VSCode, Postman, DBeaver, Yarn, Gitlab.

**LINT:** ESLint, Prettier.

**OVERVIEW:** Ishikawa Connect is a traveling startup for Japanese domestic market. It provides search, filtered information about traveling destinations. End users can also register and provide more personal destination for community.

**EXPERIENCE ACHIEVED:** Use AWS Lambda, Cognito authentication.

Use native parameterized SQL query to anti SQL injection, check XSS security.

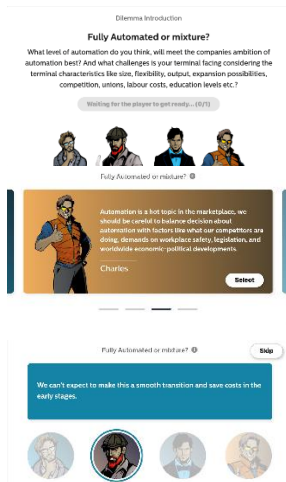
Implement vertical database that means insert 1 user information. Numbers of properties are equal row in database. Write native query for vertical database.

Implement search closest location algorithm, filter result in database.

First time, Sprint 1 week.



## DILEMMA GAME (ORIENT) – MULTIPLAYER PUZZLE GAME



**TEAM:** 1 PM, 2 developers.

**DURATION:** Continue develop as **Full Stack Developer**.

**PLATFORM:** Web (Next JS), Backend (Express).

**TECHNOLOGIES:** **Backend:** Express, Socket IO, Keycloak, Babel, Typescript, Mongoose. **Web:** Next JS, Redux (Logger, Redux Toolkit, Redux Observable), React Hook Form, i18next.

**TOOLS:** VSCode, Postman, Mongo Compass, Yarn, Bitbucket, Jenkins, Jira.

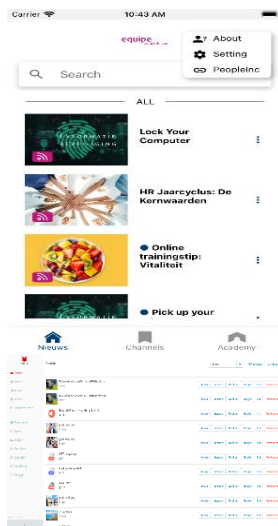
**LINT:** ESLint, Prettier, Commit Lint, Husky, Lint Staged.

**OVERVIEW:** Dilemma Game is a web game about investment. All player will have 1 subject and 8 topics. Each character in game will give advice, answer. After that, players have to discuss and choose their own answer. Totally, we have score about team and personal result.

**Madlogic** Dutch client will provide algorithm about percent of level victory. If personal point is approximately equal to team point, the player will be victory and get investment from virtual investor.

**EXPERIENCE ACHIEVED:** Connect backend with Keycloak authorization. Use *React Hook Forms* useFieldArray implement 3,4 level nested objects.

## EQUIPE (ORIENT) – NEWS BLOG



**TEAM:** 1 PM, only me and some partner, freelancer.

**DURATION:** Continue develop as **Mobile Developer**.

**PLATFORM:** Web (Java Spring Boot), Mobile (React Native).

**TECHNOLOGIES:** **Mobile:** React Native, Redux (Logger, Redux Toolkit, Redux Observable), React Hook Form, i18next.

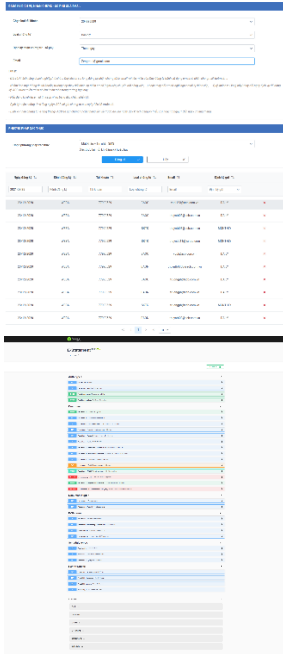
**TOOLS:** VSCode, Postman, DBeaver, Yarn, Bitbucket, Jira.

**LINT:** ESLint, Prettier, Commit Lint, Husky, Lint Staged.

**OVERVIEW:** Equipe is a push channel notification system. Users could subscribe or unsubscribe channel to get news.

**EXPERIENCE ACHIEVED:** Connect native SDK to React Native.

## E-STATEMENT (ACB BANKING) – CORPORATE FUNCTION FOR BANKING



**TEAM:** Only me (for this project), 2 Tester, 1 Automation Tester.

**DURATION:** Start new as **Full Stack Developer (Frontend + Backend)**.

**PLATFORM:** Web (Nest JS, React), Kubernetes (Rancher K8s)

**TECHNOLOGIES:** **Backend:** Nest JS, Axios, Rx JS Observable, TypeORM, K8s, Gitlab Runner, Postgres. **Web:** React, Redux (Logger, Saga, Reduxsauce), Formik, i18next, Prime React.

**TOOLS:** Ubuntu, VSCode, Postman, DBeaver, Yarn, Gitlab, Oh My ZSH Shell.

**LINT:** ESLint, Prettier.

**OVERVIEW:** [E-Statement](#) (Chứng từ điện tử) is a microservice project for both personal and enterprise customer in ACB Banking. It has convenient UI for customer to register e-statement to inform about balance, debt and e-statement to multiple email (daily or monthly).

Of course, UI which shows e-statement also supports pagination based on selected amount, search, filter by column, multiple select, show PDF, print together. Banking security requires mixed validation (token, OTP, password confirm for each register).

**EXPERIENCE ACHIEVED:** Connect SOAP server to get pdf file content.

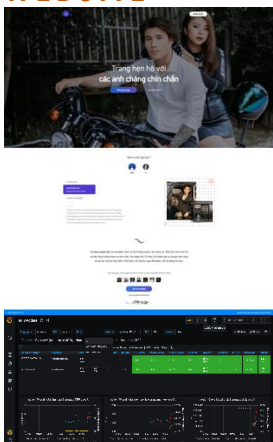
Implement complex business logic between many microservices.

Security cookies with **HTTP Only & secure flag**.

Use general UseGuard to decode JWT token information from cookie.

Deploy with Gitlab CI/CID and health check service with Rancher Kubernetes.

## WAODATE.COM (ORIENT) – DATING WEBSITE



**TEAM:** 2 dev React Native, 2 Backend dev, 2 Frontend Web, 1 Tester.

**DURATION:** **Technical Leader (Sysadmin, Full Stack Dev Backend, Mobile)**.

**PLATFORM:** Web (Express jQuery), Android, iOS (React Native), VPS (Vultr)

**TECHNOLOGIES:** **Web:** Express, Passport, jQuery, Socket IO, Sharp, Redis, Docker, MongoDB. **Mobile:** React Native, Fastlane, Twilio (OTP SMS brand name).

**TOOLS:** Mac OS, VSCode, Android Studio, XCode, Postman, Robo 3T, Compass, Yarn, PM2, Gitlab, Oh My ZSH Shell.

**LINT:** ESLint.

**OVERVIEW:** [Waodate.com](#) is a dating social network, it's for Vietnamese market. The difference of this platform is to allow you creating a dating concept, then you invite someone to join a date. Of course, you have to upgrade VIP to chat and interact with your guy joined your dating concept.

**EXPERIENCE ACHIEVED:** Build and calculate pressure system VPS Vultr.

Optimize slow query **MongoDB**, cache **Redis**, use **Cachegoose** to cache query **Mongoose**, **Nginx** rate limit for anti DDOS. Knowledge about blog for good SEO, Page Speed Insight.

Use **Passport** for user login from Facebook, Google.

Use **Sharp** (high performance from C++) to compress user images for SEO.



Use **Axios**, **Cheerio**, **CookieJar** to crawl Foody data about restaurant address, information for date location. And, save JSON files & import **MongoDB**.

Use **Loader.io**, **Apache JMeter** for stress test > 2000 r/s. Build **Sendinblue** for email marketing. Use **Redash** for chart business Intelligence.

Learn so much about blog system for good SEO, Page Speed Insight.

Separate domain, 1 main for application, 1 for blog [Waodate.com/blog](https://waodate.com/blog)

Design reuse component email marketing **MJML** (similar Bootstrap for web).

Build auto backup system, database in 30 days and from VPS provider.

Monitor all server by **Updown.io**, **Prometheus**, **Grafana**, **Glances**, **HTop**, **NCDU**.

Track button parameter, event, analyze Facebook Ads performance.

**Mobile**: Experience for dating mobile app, real time and chatting online.

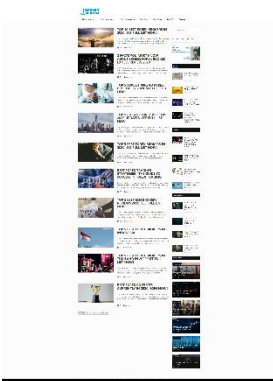
Configure **Fastlane** to save time deploy iOS TestFlight and fix **latest iOS version**.

Integrate **Firebase Crashlytics**, **Analytics**, and **Bugsnag** for error logs.

Analyze ASO, write content for deploy mobile app in CH Play and App Store.

Experience proceedings **Twilio** (OTP SMS brand) with carrier network provider.

## BROKER REVIEW (ORIENT) – BROKER BLOG



**TEAM**: Only me.

**DURATION**: Maintain project.

**PLATFORM**: Web (Wagtail CMS Django Python, Docker), VPS (Vultr).

**TECHNOLOGIES**: Python, Nginx, Postgres, Docker Compose.

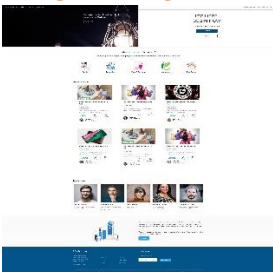
**TOOLS**: Mac OS, VSCode, Docker Compose, PG Admin, Oh my ZSH Shell.

**LINT**: CMS.

**OVERVIEW**: [Brokerreview.net](https://brokerreview.net) is a broker blog.

**EXPERIENCE ACHIEVED**: Debug docker, build auto backup database Postgres 30 days.

## MATCHING.VN (ORIENT SOFTWARE) – STARTUP EXCHANGE



**TEAM**: 2 dev React Native, 2 Backend dev, 2 Frontend Web.

**DURATION**: Start new during 2 months as **Full Stack Developer**.

**PLATFORM**: Web (Next JS), Android, iOS (React Native)

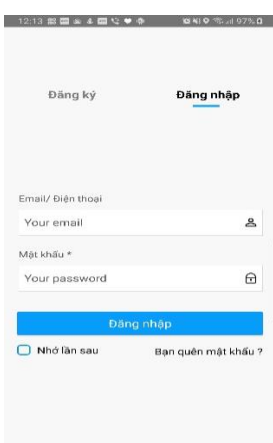
**TECHNOLOGIES**: **Web**: Typescript, Material UI, Next JS, React Hooks, Redux Saga, Reduxsauce, Redux Logger, Formik, i18next. **Mobile**: React Native Ignite, React Navigation 5, Native Base, ....

**TOOLS**: Mac OS, VSCode, Android Studio, XCode, Postman, Robo 3T, Gib Hub, Yarn, Gitlab.

**LINT**: ESLint (Airbnb & Standard JS), Prettier, Flow Types, Documentation.

**OVERVIEW**: [Matching.vn](https://matching.vn) is similar to Kickstarter.com, it's for Vietnamese





market. Anything you need to start for a startup. You can invite investor for your idea. It requires duration and budget to complete. Of course, demo and your reputation is necessary.

**EXPERIENCE ACHIEVED** : Config Typescript full option with good performance for Next JS.

Implement server site rendering feel good with static render.

Implement email password in one form, automatic convert international 090 to national number +84 (VN), +1 (US) and Google Lib Phone validation.

## SOLOYOI (ORIENT SOFTWARE) - SOCIAL DRINKING NETWORK



**TEAM** : 2 dev React Native, 2 Backend dev, 1 Frontend Web, 2 BPM, 2 Designers, 2 QC in Vitalify company, 1 dev React Native, 1 BPM in Food Connection team, Viet Nam. Report working, sprint 1 weeks.

**DURATION** : Continue develop after 2 months as **Mobile Dev**.

**PLATFORM** : Android, iOS (NodeJS React Native).

**TECHNOLOGIES** : **Mobile**: React Hooks, React Native Ignite, Native Base, Reduxsauce instead of Redux Actions & Reducers, Redux Logger, i18next, GraphQL, Apollo Client, Jest Unit test, Detox Automation Test, ....

**TOOLS** : Mac OS, VSCode, Android Studio, XCode, Postman, Gib Hub, Yarn, Deploy Gate to deploy, Redmine for project management.

**LINT** : ESLint (Airbnb & Standard JS), Prettier, Flow Types, Documentation.

**OVERVIEW** : Japanese has drink alone hobby, started from working late habit. This causes depression and badly suicide. [Soloyoi](#) allows everyone to make friends with anyone who has drinks together in same restaurant. App supports find friends as Tinder, check nearby location as Grab and check news feed, chat real time as Facebook.

**EXPERIENCE ACHIEVED** : Write Detox automation test.

Implement complicated & animated UI.

Implement real time database Firebase to check real time online.

Implement Google Analytics, Firebase Crashlytics integration.

## IOT (KAERCHER HOME & GARDEN FROM ORIENT SOFTWARE) - CONTROL APP

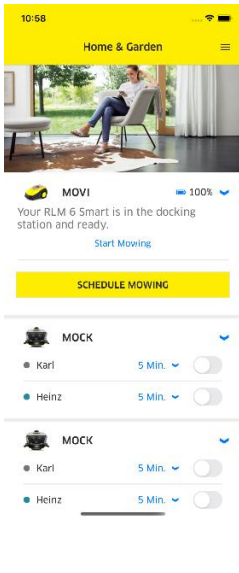
**TEAM** : 7 dev React Native, 1 PO, 2 Designers, 1 QC in [Kaercher](#) team, Germany & 2 dev in ZOI team, Viet Nam. Agile Scrum working, sprint 2 weeks, daily meeting at 4 PM. [CH Play App Store](#)

**DURATION** : Continue develop 4 month as **Mobile Dev** (Started 1 year ago).

**PLATFORM** : Android, iOS (NodeJS React Native).

**TECHNOLOGIES** : **Mobile**: React Hooks, React Native, Jest, Enzyme, Storybook, Native Base, Redux, Redux Thunk & Logger, Reselect, i18next, GraphQL, Apollo Client, Meta divide modules.

**TOOLS** : Mac OS, VSCode, Android Studio, XCode, Postman, Bitbucket, Yarn, Fastlane to deploy, Test Flight, Jira, Google Meeting, Retrium for Retrospective.



**LINT:** ESLint (Airbnb & Standard JS), Prettier, Flow types, Documentation.

**OVERVIEW:** [IoT](#) is an app to control IoT cleaning robot. It connects with 6 modules to build mobile app. App and devices must be connected throughout gateway. Currently, we have robot mower, water controller, ...

**EXPERIENCE ACHIEVED:** Write unit test **Snapshot**, **Enzyme**, **Storybook**.

Implement complicated UI, hexagon action buttons (FAB).

Implement a complex calendar similar to google calendar.

How to config big project with 7 modules to build an application with **Meta**.

How to config Babel module resolver to avoid complicated path.

Write document with Documentation, reviewed code by leader Germany.

[Kaercher](#) site start integrating **Contentful & GraphQL**, understand the concept.

## XO (KAERCHER CONNECTED CLEANING FROM ORIENT SOFTWARE) – BOOKING LABOR APP



**TEAM:** 1 PM, 1 PO, 1 Designer, 1 TA in [Kaercher](#) team, Germany & 1 BA, 1 Designer, 4 FE, 3 BE, 2 React Native, 1 Tester in ZOI team, Viet Nam. Agile Scrum working, sprint 2 weeks, daily meeting at 3 PM.

**DURATION:** Start new during 4 months as **Mobile Dev**.

**PLATFORM:** Android, iOS (NodeJS React Native).

**TECHNOLOGIES:** **Mobile:** React Hooks, React Native, Native Base, Redux, Redux Saga & Logger, Reselect, i18next, Babel, Moment JS, GraphQL, Apollo Client.

**TOOLS:** Mac OS, VSCode, Android Studio, Xcode, Postman, Bitbucket, Yarn, Fastlane to deploy, Test Flight, Jira.

**LINT:** ESLint (Airbnb & Standard JS), Prettier.

**OVERVIEW:** XO is an app to book room, book territory, create cleaning object jobs, schedule for cleaners. They follow schedule in smartphone to work and get feedback from IoT temperature device in the room. There are 2 factor user account, included: **Admin** to set schedule, **Cleaners** to work.

**EXPERIENCE ACHIEVED:** Understand and implement OpenID process authentication myself.

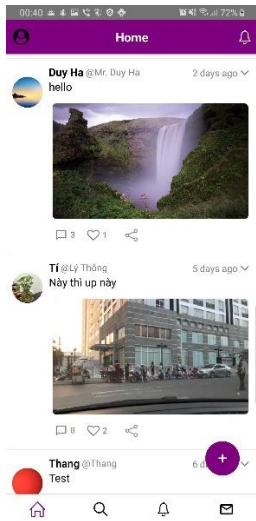
Understand to work with GraphQL. Apollo Client call API from **Lambda Function Amazon Web Services**.

Connect the app with translation services: **Locize**, **Phrase App**. How to integrate online languages server.

Implement Barcode capture camera.

Use Redux Saga loading, check internet status whole app.

## CSR WATCH (ORIENT SOFTWARE) – INTERNAL COMPANY APP



**DURATION** : Start new during 3 months as **Mobile Dev** (Freelance).

**PLATFORM** : Android, iOS (NodeJS React Native).

**TECHNOLOGIES** : **Mobile**: React Hooks, React Native, Native Base, React Navigation, Redux, Redux Saga & Logger, Reselect, i18next, GraphQL, Apollo Client.

**TOOLS** : Mac OS, VSCode, Android Studio, XCode, Postman, Bitbucket, Yarn, Fastlane to deploy, Test Flight.

**LINT** : ESLint (Airbnb & Standard JS), Prettier, Flow types.

**OVERVIEW** : CSR Watch is a social network for internal company. User in company will be increase points (called Gopy) for actions: like, share, survey.

**EXPERIENCE ACHIEVED** : Experience with react navigation included header, tab, drawer in a screen.

Cache image, create grid images.

Upload image to GraphQL server.

Select image picker and resize images before uploading.

## HKSMARTS (ORIENT SOFTWARE) – IOT CONTROL APP



**DURATION** : Start new during 2 months as **Mobile Dev** (Freelance).

**PLATFORM** : Android, iOS (NodeJS React Native).

**TECHNOLOGIES** : **Mobile**: React Hooks, React Native, Native Base, React Navigation, Redux, Redux Saga & Logger, Reselect, i18next, Apisauce.

**TOOLS** : Mac OS, VSCode, Android Studio, XCode, Postman, Bitbucket, Yarn, Fastlane to deploy, Test Flight.

**LINT** : ESLint (Airbnb & Standard JS), Prettier, Flow types.

**OVERVIEW** : HKSmarts is an IoT app control devices in smart home.

**EXPERIENCE ACHIEVED** : Experience with SMS authentication. Solve problem complex override UI.

## FPT FSEND MOBILE (FSHARE FPT TELECOM) – SEND LARGE FILES SERVICE



**DURATION:** Start new during 1 year [FSend.vn](https://Minhviet.tk) as **Mobile Dev.**

**PLATFORM:** Android, iOS (NodeJS React Native).

**TECHNOLOGIES:** **Mobile:** React, React Native, React Native Router Flux, Native Base, Redux, Redux Thunk & Logger, i18n, Babel, Moment JS.

**TOOLS:** Mac OS, VSCode, Android Studio, XCode, Postman, Wireshark, Bitbucket, Yarn, Fastlane to deploy, Test Flight.

**LINT:** ESLint (Airbnb & Standard JS), Prettier.

**OPTIMIZATION:** *Minify state, props React, Redux to speed up performance.*

*Quick render view file manager by Flat List with large many files.*

**OVERVIEW:** [FSend](https://Minhviet.tk) mobile app can upload any files to server and send email which contains download link to your friend.

*Guest mode allow to use without registration, quick login by Facebook, Google+.*

*History can get URL, forward email, enable-disable download, set password download, count download times, total storage.*

**EXPERIENCE ACHIEVED:** Upload, download chunk with pause, resume, cancel, queue.

*Gallery choose new images to upload, limit to 100 images by server.*

*File manager allow managing downloaded files, rename, move, copy, delete.*

*File manager show thumbnail image, file size, last modified, group of file types.*

*Multi select from native app for uploading (Custom native module).*

*View run downloaded files by native app in Android, iOS (Custom native module).*

*View run any files from SD card (Android) & iCloud (iOS) (Custom native module).*

*Multi language VN-EN, track current device language, real-time connection.*

## FPT ATTILA DESKTOP (FSHARE FPT TELECOM) – SECURITY ENCRYPTION FILES STORAGE



**DURATION:** Start new during 5 months as **Electron Frontend Dev.**

**PLATFORM:** Desktop & Universal Windows, Mac & Linux app (NodeJS Electron).

**TECHNOLOGIES:** Electron, Electron Builder, React, React Router Dom, SASS, Worker Loader, Source map, MobX, i18n, Babel, Webpack, Moment JS, Node JS.

**TOOLS:** Windows, VSCode, Postman, Bitbucket.

**LINT:** ESLint (Airbnb & Standard JS), Prettier, Style lint.

**OPTIMIZATION:** *Minify state, props React to speed up performance.*

*Use only one renderer for all windows (Not each window per renderer).*

**PRODUCT OVERVIEW:** Attila (temporary name) is desktop app which similar to Mega sync, Google Backup & Sync.

*Syncs files from local to server & encrypt, decrypt customer documents for security.*

**EXPERIENCE ACHIEVED:** Upload, download chunk with pause, resume,

cancel, queue.

Watch file changes, show total files change, file size and push to queue.

Encode and decode each chunk files by web worker & upload, download.

Use fingerprint to create strong master password to encrypt documents.

Multi language VN-EN, track current device language, real-time connection.

Connection Pouch DB to sync with server CouchDB.

Show graph speed upload, download.

Setting another folder to sync files.

**FPT ADSPLAY  
FPT WIFI ADS  
(FPTPLAY FPT  
TELECOM) –  
ADS  
DASHBOARD  
FOR FPT  
PLAY**



**TEAM:** 1 PM, 1 BA, 3 FE, 3 BE, 2 Data Engineer, 1 DevOps, 2 Testers in FPT Play Advertisement team, Viet Nam. Agile Scrum working, sprint 2 weeks, daily meeting at 9 AM.

**DURATION:** 1 year as **Backend Dev** [cp.Adsplay.net](http://cp.Adsplay.net) [wifi.Adsplay.net](http://wifi.Adsplay.net).

**PLATFORM:** Backend PHP Laravel Lumen.

**TECHNOLOGIES:** **Backend:** JWT Auth, Elastic Search, PostgreSQL, Redis, Redash.

**TOOLS:** Windows, VSCode, DBeaver, Postman, Docker, Jenkins, Sentry, Gitlab.

**LINT:** PHP IntelliSense VSCode.

**OPTIMIZATION:** Use Repository design pattern for flexible RESTful MVC API. Increase API query performance by Redis. Query optimization for Elastic Search.

**PRODUCT OVERVIEW:** FPT Adsplay (iTV Ads, team name) is advertisement system management (ads serving) which support ecosystem FPT product including FPT Play (Web, Mobile, Smart TV), FShare, PayTV.

FPT Wi-Fi Adsplay is Wi-Fi marketing advertisement system management.

Update inventory, access points information as MAC address, location from public places (school, market, mall, restaurant, canteen, hospital, hotel).

Use survey to build client data for warehouse, lake & support machine learning.

**EXPERIENCE ACHIEVED:** Main responsible for all report & permission, show dashboard, export excel for sales, partner, customer.

Maintain & develop 400 API for 2 backend system. Limit permission whole system according to system requirement.

Connect concern services to get data and support encryption algorithm.