

BÙI MINH HẢI

Full stack developer

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SUMMARY

I am a full-stack developer. My strong point is the ability to self-study, rapidly learn and adapt to everything, teamwork skills. My preferred language is JavaScript, TypeScript, Golang

TECHNICAL SKILLS

- Programming Languages: JavaScript, TypeScript, Go, Java, C#, HTML5, CSS3
- Frameworks/ Platforms: NodeJS, ReactJS, NestJS, NextJS, Redux, Webpack, babel, Go Gin, ExpressJS, Java Spring
- Version Control: Git
- Database Management Systems: PostgreSQL, MySQL, SQL Server, MongoDB, Cassandra.
- Soft Skills: Time management, Teamwork
- Others:
 - Microservices, gRPC, GraphQL, Helm, Kubernetes, Docker, Message Brokers Kafka, Caching, CQRS, Nginx
 - Experience with Agile and Scrum development process.
 - Security Technical: SSO, JWT, OAuth 2, PASETO, Certificate x509
 - CI CD: Travis, Argo CD
 - Full text search: Elastic search
 - Logging, Tracing: ELK stack, Grafana, Prometheus

EDUCATION

Faculty of Information Technology - Ho Chi Minh University of Sciences from 2016 to 2020.

PERSONAL EXPERIENCE

- Project: Forbie S7 (from 10-2021 to 11-2021) (Fun in project with NestJS)
 - Description: add the new feature allow record the action of patient interaction with medication
 - Team size: 2
 - Responsibility:
 - Design databases add new 4 tables
 - Implementation REST API allows patient can interact with medication
 - Implementation API notification cron job to remind patient take the medication with schedule
 - Interaction with Drug bank
- Project: Insights Elsevier (from 01- 2021 to now) (ReactJS – Java Spring boot)
 - Description: Dashboards collect and visualize data from several products including HESI, Sherpath, EAQ, Evolve,... For Instructors, dashboards help them have a view from overall to detail of how well their students perform in the exams. For students,

dashboards show their results in detail and predict their likelihood to pass the real exam.

- Team size: 6
- Responsibility:
 - Implementation UI from Figma design with ReactJS like table, chart
 - Implementation REST API for Insight Frontend like collect data for students, courses, assignments
- Project: Simple store backend (from 02-2021 to 03-2021) (Golang)
 - Description: it is a backend for books store which provides API that allows users can order books, view invoice (this is my project)
 - Team size: 1
 - Responsibility:
 - implementation REST API with Go gin
 - code first with sqlc
 - Authentication with PASETO token
 - Auto build & push docker image to AWS ECR with GitHub Actions
 - Auto deploy with EKS on AWS
 - Use Ingress to route traffics to different services in Kubernetes
 - Register a domain & set up A record using Route53
- Project: grpc-Golang and grpc-Java (from 01-2021 to 02-2021)
 - Description: this is my self-learning project with gRPC
 - Team size: 1
 - Responsibility:
 - implementation 4 types of gRPC in the microservice system with Go and Java
 - implementation Gateway with Nginx and handle authentication with Cert x509
- Project: Forbie Change Request 2 (from 11 – 2020 to 01-2021)
 - Description: Enhancement UI for portal, survey and visualization data
 - Team size: less than 15
 - Responsibilities:
 - Lead small team with 3 members (build new Pie chart and Combine charts to display data of patients, new APIs to get detail of patient with level severity).
- Project: Kobiton Iframe embedded –sow7 (from 09-2020 to 11-2020)
 - Description: Sow 7 Iframe embedded is a website that allows users to embed in a plugin or another website to launch a manual session of Kobiton through username and API keys.
 - Team size: 5
 - Responsibilities:
 - Write documents for new APIs with Swagger hub

- Implement new APIs for the Kobiton API project
 - Forked new embedded portal project from portal Kobiton and implement custom settings from Portal Kobiton
 - Implement page configuration iframe for Kobiton portal project
 - Provide 2 samples project for embedding iframe to another website
 - Setup UAT
- Project: Athenka (KMS) (from 12-2019 to 09-2020) Position: full stack developer (Node.JS ReactJS)
 - Description: Athenka is a platform to seamlessly create a powerful chatbot. It is an innovative solution to handle day-to-day business operations, achieving cost effective and more customer engagement
 - Team size: 15
 - Responsibilities:
 - Lead small team with 4 members (build management web for Athenka, communicate with bot engine, chat controller using NextJS framework ReactJS, ant design, NestJS framework ExpressJS, PostgreSQL).
 - Create Docker image for studio.ui, studio.api, governance.ui, governance.api
 - Implementation communicating between services using Kafka brokers. The architecture of Athenka is microservices
 - Implementation data sharing with multi tenant in governance API
 - Design and implementation REST API for studio.api, governance.api
 - Implementation UI for workflow management page, small talk page, dashboard page for design Zeplin.
 - Implementation feature listening all conversation for Console App using message Brokers, development code base for Console app – multi-tenant app
- Project: HRM (KMS) (from 09-2019 to 12-2019) (.NET Core and Angular)
 - Description: Add some new features into the internal tool for management employees of KMS
 - Team size: 4
 - Responsibilities:
 - Design database table and implement services for HRM project and develop UI UX frontend.
- Project: Ecommerce website (Myself) (from 02-2019 to 04-2019) Position: full stack developer
 - Description: build e-commerce website at the request of lecturers (using NodeJS and HTML CSS frontend and MongoDB)
 - Team size: 3
 - Responsibilities:
 - Design and implementation REST API for backend.

- Design UI frontend and integration with REST API.
 - Implementation login feature using PassportJS.
- Freecodecamp Project (from 04-2019 to 05-2019)
I have some project Frontend when I learned in freecodecamp.org you can find them in the link down bellows: <https://codepen.io/minh-hi-the-styleful>
- Website find Teacher
 - Description: building a website for students and teachers can interact with each other. It helps students can find teachers for students learning, teachers can earn more income.
 - Team size: 3
 - Responsibilities:
 - Design UI and implementation REST API
 - Implementation send email feature
 - Login with facebook, google, passportJS
 - Payment methods.
- Game “Cờ ca rô Việt Nam” (tic tac toe)
 - Description: building a game “Cờ ca rô Việt Nam” with ReactJS, allows users find another one in the internet and play.
 - Responsibilities:
 - Design UI using Ant design.
 - Implementation Websocket IO for system.
 - Implementation login with PassportJS and Facebook login.

PASTIMES AND ACTIVITIES

- I lead a small group to research, learn new technology, and share experience
- I am keen on studying in Udemy, reading books, investing time to read best practices on GitHub, IT blogs, Medium, in my free time. My favorite book is clean code.
- My GitHub: <https://github.com/buiminhhai1>