



Huynh Duy

Junior

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EDUCATION: 2017-2021

University of science - HCMUS

Major: software engineering**GPA:** 8.1/10

SKILLS

Languages/Libraries: HTML/CSS/SASS, Javascript/typescript, go, solidity, react.**Tools:** Git, Mssql, Mysql, mongodb, cloud functions, firebase.

WORK EXPERIENCE

Main position: Software Engineer**Company:** ZaloPay**Time:** Sep 2021 - Now

Project	Oa sales channel, Social commerce
Description	This project is a quick social commerce platform that enables users of Zalo to purchase various products. We have numerous merchants on our platform, including BigC, KFC, HLC, and more. These merchants have migrated their data, including product items, categories, and store information, onto our platform. Users have the flexibility to choose from multiple payment options, such as ZaloPay, cash on delivery (COD), or our secure payment gateways
Team size	12-15
My position	Front-end and Back-end
My responsibilities	I develop UI/UX based on designs and product architecture documents (PAD). Additionally, I migrate products to micro-frontends with Webpack's Module Federation PluginZ and integrate them into Zalo mini apps. I handle various tasks such as synchronizing data with the data platform, sending notifications to users through Zalo Notification Service, utilizing Kafka for order creation, implementing cron jobs for pushing file data to merchants, and managing data migration with partners like BigC and Heineken. Additionally, I am proficient in writing unit tests for both frontend and backend components to ensure robustness and quality.
Technologies used	Reactjs, redux, micro frontend, go, tikv, redis, elasticsearch, microservice

Project	Donation
Description	The donation service enables individuals to donate money to specific cases where people are facing significant hardships, facilitated by charitable organizations. In turn, these organizations identify and receive support through the donation service.
Team size	4
My position	Front-end developer and back-end developer (Maintenance)
My responsibilities	Fixed UI bugs, added a new program, and modified existing programs for enhanced functionality.
Technologies used	React JS, Go, MySQL

Main position: Frontend developer**Company:** CityNow**Time:** Aug 2020 - Sep 2021

Project	HRSol, Sharingwork, Workflow, Organization
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Description	These are some products to help employees check in and check out. They can manage their information about the day off, the day working and more information about their company. Moreover, this helps HR calculate payroll.
Team size	8-10
My position	Front-end developer and leader Organization project
My responsibilities	Build Workflow, Organization from the beginning. Developing more features for HRSol, Sharingwork like SEO, animations, form data, ... Fixing bug login (about the token, refresh token, Google, Facebook) work with keycloak
Technologies used	Reactjs, Nextjs, redux, redux-thunk, keycloak, microservice

Project	Smart locker
Description	The product helps users can send stuff to lockers by the app. This helps logistics services and users can send stuff for another one when they can not get it at that time.
Team size	6
My position	Front-end developer and back-end developer
My responsibilities	Build the product from the beginning. Developing features like notifications, login, cloud functions to create serverless, call MQTT with firmware team, optimize performance call firestore and database in cloud
Technologies used	React native, expo, firebase, cloud functions

PROJECTS

Project	Book stay
Description	The product helps users can send stuff to lockers by the app. This helps logistics services and users can send stuff for another one when they can not get it at that time.
Team size	3
My position	Front-end developer and back-end developer
My responsibilities	Build project, design database, connect the application with momo. Design UI, code logic in backend.
Technologies used	Reactjs, Nodejs, Expressjs, Mysql

Project	Auction
Description	This project allows owners sale their stuff. Bidder will go on my website and auction with other users to get the stuff that they want.
Team size	3
My position	Front-end developer and back-end developer
My responsibilities	Build project, design database, send email to owner and Bidder, design UI, code logic in backend.
Technologies used	mvc pattern, nodejs, expressjs, express-handlebars, mysql

Developer

Blockchains - Machine learning

Aug 2020 - July 2021

These is a graduation thesis that I did in the university:

+ My graduation thesis project focused on streamlining the attendance process for students and teachers in the university using AI technology. By leveraging Moodle, we developed a system that

allowed students to register their faces, enabling automated attendance during classes without the need for manual intervention by teachers. The project involved extensive data collection to create datasets, followed by model training using AI algorithms to detect students' faces accurately. Additionally, a server and a Moodle module were built to implement the face detection feature seamlessly.

Developer Blockchains - Machine learning Apr 2021 - Aug 2021

These projects that I did in the university:

- + With Blockchains, using nextjs, material-UI for the frontend, and solidity for the backend. It connects with meta-mask and runs in rinkeby network.
- + Machine learning that I used python for backend with libraries yfinance, Lstm, Rnn, and xgboost to crawl data, train, and predict stocks price. In the front-end, reactjs and d3 are used to draw the chart.

Developer Web - mobile 2019 - 2021

In those years, I created some pet projects and some projects at the university. Chat online with socket.io. Book-stay allows users can book rooms and pay by Momo, VNPAY. Android app with java for traveling.