

Skills Summary

- Languages: JavaScript/TypeScript, Java.
- Datastores: PostgreSQL, MongoDB, MySQL
- Others: Docker, AWS, CI tools (CircleCI/GithubAction), Jira.
- Language: English(FCE-A), French (DELF A2).
- Passionate about software engineering, distributed scalable systems.

Work Experience

Hanbiro Co., Ltd.
Software Engineering Intern/Fresher

Dist. 7, HCMC
November 2023 – September 2024

- Collaborated with the Vietnamese QA/QC team to implement performance and security enhancements, resolving issues like SQL injection, N+1 problem, etc., as well as bugs in the Groupware and CRM legacy system (**AngularJs**, **CodeIgniter**).
- Partnered with the Korean CS team and clients to customize, design and develop features for the Approval module in the Groupware system. This included API exposure for ERP/SAP integration, customization business logic of approval flows, and developing background services for handling large-scale data processing, such as batch actions (background transformation approval to various format such as PDF, PNG, Excel,...) , data migration(in/out), and tailored indexing and search capabilities using **Elastic Search**.
- Moreover, my team and I spearheaded the migration process of the legacy monolithic **AngularJS** Groupware system to a microfrontend architecture using **React/Recoil**, resulting in a remarkable 20% improvement in UI loading performance (Hanbiro Mail module).
- Another significant focus of my role was managing, developing, and maintaining a web-based [Excel Editor](#) (**Preact at core**) integrated across numerous modules within the Hanbiro ecosystem.

Projects

Pharmacy Inventory Management System
Software Engineer

December 2023 – Present

- Developed a pharmacy inventory management system for **Ut Nhan Pharmacy** chain, focusing on enhancing warehouse operations efficiency and optimizing inventory management.
- Collaborating with a team of five members and stakeholders to implement and refine inventory export/import flows using technologies like **.NET** for the backend and **React** for the frontend was my main duty. Implemented QR/Barcode functionality to streamline product tracking and minimize staff actions.
- Designed and refined UI processes to ensure seamless transfer of products and medicines and the most convenient experience for user when interacting with system.
- Setting Staging environment and implementing CI/CD (**Docker/GitHub Actions**) on my dedicated server and **Vercel** for testing and ensuring regular progress updates to stakeholders during each sprint.

Auto Aid Ltd.
Software Engineer

November 2023 – March 2024

- A startup platform, currently at the MVP stage, connecting garages with customers. The platform offers various car/motor services including emergency support and maintenance scheduling.
- Engineered and implemented real-time emergency support module using **NestJs** to handle every urgent request from customers. This involved dynamically locating and connecting customers with suitable or nearby garages to provide aid.
- Implemented some pages at admin dashboard (**React/Recoil**) for managing partner garages and visualized system data which related to my developed module such as including top locations for emergency support requests and popular car/motor brands.
- Setting up CI/CD pipeline with **Docker/CircleCI** to staging environment for continuously update progress of developing to my top-level stakeholders.

Mom Kitchen ([Pet Project](#))
Full stack Developer

September 2023 – November 2023

- A platform connects home kitchens eager to share their meals with local students (FPT) craving homemade goodness.
- Designed and implemented UI for admin dashboard with **React** which supports managing analysis of application and common things of application such as order, area, kitchen, ...
- Developed side service utilize **Spring Boot** which has consumer for batch action (exporting data, transforming data,...) with **Kafka** and notification system (**REST APIs**) for both web and mobile app, supporting various channels like Firebase, email, and SMS. Also support team for external services integration at main system service(**.NET**) including **S3**, **Firebase**, **Oauth2 with OpenID**,..
- Setting up different kind of environment of application like dev, production use **Ansible** and design CI/CD pipeline to check code quality and continuous delivery for backend server, admin web, mobile application utilization **CircleCI/Sonarqube/AWS** improve 25% time of delivery new app features every sprint.

Academic Background

FPT University
Bachelor of Software Engineer

SHTP, HCMC
September 2020 – July 2024

- GPA: 8.5