

SWE - MINH TAM PHAM

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Development Experience

[Talckatoo](#) - Real-time Multilingual Chat Application with AI Integration

May 2023 - Present

Co-Founder & Full-Stack Developer

- Develop [3 pages & 8 components](#) with React for a messaging app with built-in AI assistance, text, and voice translation using React.js, TypeScript, Tailwind CSS.
- Create real-time messaging features using Socket.io and WebSocket in the backend.
- Build text and voice translation with 6 external service providers including WhisperAI, OpenTranslator, API Voice RSS Text-to-Speech (TTS) API, Web Speech API, RecordRTC, and Cloudinary.
- Integrate an AI-powered bot that allows seamless in-app access to the world of information.
- Set up push notifications to aggregate a user's incoming notification across message threads.
- Manage DNS settings and continuous deployment to production on [Vercel](#) and [Render](#) DevOps platforms.
- Write 17 API endpoints documentation using Swagger, comprehensive [GitHub README](#), and more than [1,000 words of documentation](#).

[MentorUp](#) - Class Management Application

July 2023 - September 2023

Full-Stack Developer

- Create a class management tool for [Code The Dream](#) to automate tedious processes and enhance scheduling capabilities.
- Implement 3 role-based access control middleware ([RBAC](#)) with admin, mentor, and student.
- Design & refactor 4 MongoDB schemas with an [embedding approach](#) to retrieve all relevant information in a single query, which reduced the number of network requests from the frontend by a factor of 2.
- Authored a [design document](#), selecting MVP architecture.
- Developed over 10 HTTP REST API endpoints.
- Integrated [Google OAuth](#) and [Google Calendar](#) to ensure schedules are seamlessly saved in the user's calendar.

[Dev Launchers](#) - Programming Co-Op Program

August 2023 - Present

Back-end Developer

- Developed a backend system using [Strapi](#), a headless CMS.
- Wrote 4 integration tests using [Postman](#), [Chai](#).
- Created [GitHub actions](#) pipelines for continuous integration.
- Authored tests which revealed 1 deficiency in proprietary code, and issued a detailed fix ticket.
- Performed comprehensive code review on 20 modules of software, providing detailed comments and insightful questions.

Professional Experience

Leemode International - Sales Representative & Operation Coordinator

Sep 2019 - May 2021

- Service accounts for more than 50 companies providing revenue of \$100,000 per month.
- Maintain and develop relationships with the top 5 company's biggest customers.
- Solve customer delivery and return issues.
- Identify appropriate prospects, meet with customers in the showroom, and make effective sales.
- Handle stock, inventory, warehouse and assist the production team with relevant logistic documentation.

Other Technologies & Tools

- Database & Storage: GraphQL/Hygraph, PostgreSQL, SQLite, AWS S3
- DevOps & SDLC: Git | GitHub | Github Actions | Jira | Confluence | Zenhub | Sentry
- Others: Cron Jobs, Selenium, Nodemailer, Figma, WordPress

Education & Certificates

- [General English - Campus Education](#) *September 2021 - January 2023*
- [Computer System Institute - Web Development](#) *January 2023 - December 2023*
- [Code The Dream](#) - Certificate of Completion: Full Stack Development *July 2023*
- [Code The Dream](#) - Certificate of Completion: Front End Development *May 2023*

References

- **Jack DeVries** - Software Engineer & Code The Dream Mentor - jdevries3133@gmail.com
- **Frank Stepanski** - Software Engineer & Code The Dream Admin/Mentor - fsjay@hotmail.com
- **Lisa Kim** - Leemode International Sales Manager - lisak@leemode.com