

Duong Ha

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EDUCATION

Lappeenranta-Lahti University of Technology | LUT

Expected graduation: June. 2025

BS in Software Engineering, Minor in Practical Engineering | GPA: 4.8 / 5

- Awards and Honors: Academic Excellence Scholarship (€3,000 in 2023 & 2024), Tuition Fee Scholarship (€1,000 in 2022), Silver medal, Consolation prize The Olympiad In Informatics in Central Highlands of Vietnam (2021, 2022), First prize City Information Technology competition (2019)
- Certification: Full Stack Open from University Of Helsinki (2024), The Complete Web Development Bootcamp (2024).

WORK EXPERIENCE

Lockness

Sep. 2024 - Present

Back End Developer | Contract

- Researching about Crowdsourcing for Large-Scale Data Labeling for Bachelor Thesis
- Developing a platform dedicated to decentralized data labeling, working on Back End using **FastAPI**, **Redis**, **RabbitMQ**, **MySQL**, **FFmpeg**, **Yolo**.

Triplan

Jan. 2024 - May. 2024

Software Developer | Apprenticeship

- Developed a web platform using Agile process methodology with the help of **Jira** and **Slack**, contributing to the core functions and user interface using **Vue.js**.
- Managed API key and user group configurations with **Docker**, **Nginx** and **FastAPI**, enabling precise access control to application features. Conducted testing with **Unit Test** lib to ensure quality of product.

LUT University

Jan. 2024 - Mar. 2024

Teaching Assistant - Basics of Database Systems Course | Contract

- Conducted tutorial classes about Database System concepts including ERDs, **Relational Model**, Normalization, **SQL**, **PostgreSQL**.
- Marked and evaluated the weekly assignment, project and exams.

PROJECTS

AI Image Generator | [Live Site](#)

- Created a platform allowing users to generate images based on their prompts and share them to the community using the **Dall-E model**, **Cloudinary API**, **Nodejs** and **MongoDB**.
- Users also can search for, view, react to and download images from the community with comprehensive and attracting user interface using **React**, **TaiwindCSS**
- Implemented **CI/CD pipelines** for deployment including running tests and static analysis with **GitHub Action**, **AWS EC2**.

Full Stack Open | [Source Code](#)

- Built single page applications with **ReactJS** that use REST APIs built with **Node.js**.
- Implemented **E2E testing (Cypress)**, **integration tests**, **unit tests** for both backend and frontend. Used advanced state management with **Redux** and database management with **MongoDB**

SKILLS & CERTIFICATION

Programming Languages: Python, JavaScript, Java, C++, C#, Dart

Frontend: HTML, CSS, React, Vue, Flutter, Tailwind CSS, JavaSwing, Redux

Backend: Node.js, Express.js, FastAPI, MongoDB, PostgreSQL, MySQL, Redis, RabbitMQ

Tools: Docker, Git, Github Actions, AWS EC2, Jira, Nginx, Wireshark, Figma

