

Khoi Do

Software Engineer

CONTACT



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<https://github.com/khoidm2004>



<https://portfolio-silk-psi.vercel.app/>



Lappeenranta, Finland

EDUCATION

LAB University of Applied Sciences - Lappeenranta (2022 - 2026)

- Bachelor of Engineering, Industrial Information Technology
- Major: Internet of Things (214 ECTS) - GPA: 4,57

SKILLS

Programming Languages:

- Javascript/Typescript
- HTML/CSS
- Python

Frontend & Testing Frameworks:

- React
- Jest
- Playwright
- Postman

Backend & Databases:

- Node
- Express
- SQL (SQLite, MySQL)

DevOps:

- GitHub Actions
- Microsoft Azure
- Vercel
- Firebase

Others:

- Versatile
- Leadership
- Adaptability
- Team-work
- Scrum

PROFILE

As a final-year Bachelor's student in Industrial Information Technology and a versatile engineer with experience in web, mobile, IoT, and game development, I am seeking my first full-time software engineering role in the IT field. Eager to learn new technologies and challenge myself, I am confident in my ability to quickly adapt and contribute effectively to your organization. Open to relocation within Finland.

WORK EXPERIENCE

Project Coordinator

LAB University of Applied Sciences, Lappeenranta, Finland

May 2025 - Present

- Designed and implemented R&D projects.
- **Technologies:** React, Vite, TypeScript, React Native, Expo, Microsoft Azure

Back-End Developer Trainee

Piacom - Hanoi, Vietnam

May 2024 - August 2024 (4 months)

- **Built complete backend infrastructure and service** using **Javascript and Firebase**, implementing database, authentication, and image storage services for a **gas station management platform**.
- **Designed efficient booking logic and reservation workflows** using **JavaScript**, **reducing booking processing time by 10%** and improving overall user experience.
- **Trained on ERP systems and gas station management platforms** to streamline operations and optimize workflows.
- **Deployed serverless architecture with Vercel hosting and Firebase backend, achieving 40% cost reduction.**
- **Technologies:** React, Node, JavaScript, Vite, Jest, Firebase, Vercel
- **Product link:**
https://github.com/khoidm2004/Petrol_Store_Management_Webapp

Front-End Developer Trainee

FPT Information System - Hanoi, Vietnam

May 2023 - August 2023 (4 months)

- **Optimized React components** using **Material-UI**, **improving page load performance by 20%** on a car booking platform.
- **Trained on design patterns** (e.g., Component, Render Props) to improve code reusability and maintainability.
- **Technologies:** React, Node, JavaScript, Material-UI, Vite

LANGUAGE SKILLS

- English - Fluent
- Vietnamese - Native
- Finnish - Basics

INTEREST

- Gym
- Soccer
- Build side programming project

REFERENCE

Available upon request

PROJECT

Humidity Data Collection IoT System

Description:

- Technologies: MicroPython, ReactJs, NodeJs, Telegraf, InfluxDB, Azure
- Description: This project establishes an IoT data pipeline connecting a Raspberry Pi Pico W running MicroPython to a cloud-based infrastructure to collect the atmosphere humidity and visualize the data.
- Demo Link: [Click Here](#)

Resort IoT Project

Description:

- Role: Project Manager, Backend Dev, Tester, Deployer
- Technologies: MicroPython, Figma, ReactJs, NodeJs, Firebase, InfluxDB, Jest, Alibaba ESC, Vercel
- Description: IoT Systems to monitor and optimize client experiences through real-time data collection and analysis for [Rakkaranta Resort](#)
- Demo Link: <https://resort-iot-project.vercel.app/>

Scalable Master Calendar

Description:

- Role: Project Mentor
- Technologies: Figma, ReactJs, NodeJs, MySQL, Firebase, Vercel
- Description: Creating a scalable master calendar solution that allows customers to merge multiple calendars into a private, unified view - overcoming the limitations of single calendar system for [Coolla Oy](#).