







# Khoi Do

## Software Engineer

### CONTACT

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-  <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
- Python
- HTML/CSS

#### Frameworks:

- React
- Vite
- Node
- Jest
- Expo

#### Databases:

- SQLite/MySQL
- Firebase
- Influx

#### Tools & Platforms:

- Git
- Linux
- Microsoft Azure
- Raspberry Pico
- Figma

#### 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](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](#).