

Cao Ngoc Lam

Backend Developer Intern

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OBJECTIVE

I'm a third-year Computer Science student with a strong foundation in back-end development using the Node.js runtime and the Java programming language. I have experience in building back-end systems, creating APIs, and designing client-side applications for my personal project and assignments at university. I'm seeking an internship opportunity to apply my skills to real-world projects while enhance my problem solving capabilities.

EDUCATION

Ho Chi Minh City University of Technology (HCMUT)

Major in Computer Science

HCMC, Vietnam

Aug 2022 - June 2026 (Expected)

- **GPA:** 3.2/4.0
- **IELTS:** 7.0 (2021)

WORK EXPERIENCE

University Probation for Programming Integration Project

IVS Joint Stock Company

Sep 2024 – Dec 2024

Ho Chi Minh City, Vietnam

- Led a team of 4 members in preparing project documentation, including the Basic Design Document and Unit Test Case Document, with no involvement in coding tasks.

PROJECTS

BK Messenger | *ReactJS, NodeJS, ExpressJS, MongoDB, Cloudinary, Socket.io*

March 2025 - April 2025

- Team size: 1
- Developed a university chat application supporting messaging and file sharings.
- Implemented RESTful APIs for core features:
 - * Group chat creation with admin controls and participant management
 - * Friend request system with approval workflow and notification
 - * Message history pagination and real-time updates
- Integrated with Cloudinary CDN for supporting document uploads (PDF, Word, Excel) and image preview.
- Implemented JWT for authentication and Socket.io for real-time bidirectional communication
- Github link: [BK-Messenger](#)

HCMUT SSPS | *ReactJS, Spring Boot, MySQL, Google Cloud, Hibernate*

Nov 2024 - Dec 2024

- Team size: 4
- Developed a smart printing system for university students, enabling document uploads and customizable printing options.
- Enabled SPSOs (Student Printing Service Officers) to configure printer settings, manage print permissions, and monitor system activity.
- Integrate Google Cloud for storing documents and files.
- Designed and implemented the UI with ReactJS and TailwindCSS, and server-side application with Java and Springboot
- Integrated MySQL for data management.
- Github link: [HCMUT-SSPS](#)

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java

Frameworks: NodeJS, ExpressJS, Spring Boot, ReactJS

Front-end techonologies: HTML, CSS, TailwindCSS

Development Tools: Git, Visual Studio Code, Postman, Figma

Database Management: MySQL, MongoDB

AI Tools: ChatGPT, Github Copilot

Concepts: OOP, RESTful API Design, MVC Architecture