# PHAN DINH THAI
## Software Engineering Intern

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## ABOUT ME

I am a final-year Software Engineering student at Industrial university of Ho Chi Minh City, I have a strong passion for technology and a desire to apply it to real-world projects. I am a quick learner, an effective team player, and I have good English skills.

I am seeking opportunities to gain practical experience, learn from experienced professionals, and pursue my goal of becoming a Full-stack Developer

## EDUCATION

**INDUSTRIAL UNIVERSITY OF HO CHI MINH |       2021 - Present**

**Software Engineering - Current GPA: 3.39/4.0**
Gained solid foundation in software engineering principles, object-oriented programming, and database systems.
Focused on software development with skills in Java, Spring Boot, Node.js, ReactJS, and databases (SQL Server, MongoDB).
Actively participated in team projects , improving teamwork and problem-solving skills
**TOEIC Listening & Reading: 710 (12/2023)**

## TECHNICAL SKILLS

- **Programming Languages**: Java, JavaScript (ES6+), TypeScript
- **Backend:** Node.js, Express.js, Spring Boot, Hibernate, Jakarta Servlet
- **Frontend**: ReactJS, JSP, HTML, CSS, Bootstrap, Tailwind CSS
- **Database**: SQL Server, MySQL, MongoDB
- **Cloud & DevOps**: AWS (EC2, S3, RDS, IAM), Docker, GitLab CI/CD,
- **Security**: Spring Security, JWT Authentication
- **Testing**: Postman (API Testing), JUnit (basic)
- **Tools**: Git/GitHub, Firebase Auth, Zegocloud (Video SDK)

## PROJECT HIGHLIGHTS

**ForTH Chat App**                                                   **January 2025 – May 2025**
A Zalo-like chat application for web and mobile that enables users to chat, create groups, make calls, and share media (files, stickers, GIFs). Developed with a scalable **Client–Server architecture** using Node.js, MongoDB, Socket.IO, ReactJS, and React Native.

**Github:** https://github.com/phandinhthai012/ZaloChatApp

**Team Size**: 5 members

**Position**: Backend , Frontend

**Responsibilities:**
- Designed folder structure for Backend (Node.js, Express, MongoDB) and Frontend (ReactJS, React Native).
- Developed RESTful APIs (Express) with Socket.IO integration and built MongoDB for performance and security.
- Built web (ReactJS) and mobile (React Native) interfaces, optimizing user experience.

**Technology Stack:**
- Backend: Node.js, Express.js, Socket.IO, REST API, JWT Authentication
- Frontend: React.js, React Native, MUI (Material-UI)
- Database: MongoDB
- Cloud & Devops: AWS S3, Render, Git
- Other: Zegocloud (Video/Call SDK)

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**The Cake Shop (MVC Architecture)**                          **August 2024 – December 2024**

A cake shop e-commerce web application, allows customers to register, log in, place and manage orders, while also providing an admin interface for managing products and orders. Built with Spring MVC, Spring Security, Hibernate, SQL Server (Backend) and JSP, HTML/CSS, JavaScript (Frontend)

**Github:** https://github.com/phandinhthai012/TheCakeShop-LTWWW

**Team Size**: 2 members

**Position**: Backend , Frontend

**Responsibilities:**
- Backend: Built Backend with Spring MVC, Spring Security, Hibernate, andSQL Server. Implemented secure authentication and Jakarta Servlet for session handling.
- Frontend: Created responsive web interfaces using HTML, CSS, and JSP.

**Technology Stack:**
- Backend: Java, Spring Framework (MVC, JDBC, ORM/Hibernate), Jakarta Servlet
- Frontend: JSP, HTML, CSS
- Database: SQL Server

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**iDev4rum – (Microservices Architecture)**                   **December 2024 – May 2025**

Microservices-architecture web forum for IT students to share knowledge and information, featuring JWT authentication, scalable Docker deployment, and an admin interface. Built with Node.js, Next.js, and MongoDB.

**Github:** https://github.com/phandinhthai012/iDevForum-KTPM

**Team Size**: 4 members

**Position**: Backend , Frontend

**Responsibilities:**
- Developed backend services (User Service, API Gateway, Auth) and built admin interface.
- Implemented JWT authentication and Docker/Docker Compose for scalable deployment.

**Technology Stack:**
- Backend: Node.js, Redis, RabbitMQ
- Frontend: Next.js, Bootstrap, Tailwind CSS
- Database: MongoDB
- Cloud & DevOps: Docker, GitLab CI/CD, Jenkins
- Security: JSON Web Token (JWT)