

PHUC HONG LE

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OBJECTIVE

I am a fourth-year student seeking an internship to gain hands-on experience in a professional environment. I have built foundational skills in UI/UX design, front-end development, and back-end architecture through academic projects and self-driven learning. I am eager to learn from experienced professionals and contribute to innovative projects that create applications and tools aimed at boosting performance for everyone.

EDUCATION

Ho Chi Minh City University of Technology (HCMUT)
Bachelor of Computer Science (Honors Program). GPA: 3.7 (8.51/10.0)

Ho Chi Minh City, Vietnam
Aug. 2022 – Expected 2026

EXPERIENCE

Backend Intern — FPT Software (FTown3)
Golang Backend Development (Iris Framework)

Ho Chi Minh City, Vietnam
Jun. 2025 – Aug. 2025

- Developed backend services in Golang using the Iris framework within a production-oriented development environment.
- **Responsibilities:**
 - Built RESTful APIs to support internal application features
 - Implemented business logic and request validation
 - Designed and interacted with MongoDB for data persistence
- **Tech:** Golang, Iris, MongoDB, Git

PROJECTS

Hospital Management System

GitHub
April. 2025

Distributed Backend System - Team of 8

- Developing a hospital management system based on a microservices architecture.
- **Responsibilities:**
 - Set up services using Spring Boot and Spring Cloud
 - Configured API Gateway using Spring Cloud Gateway for routing
 - Implemented service discovery and load balancing using Eureka Server
 - Integrated Micrometer and Zipkin for distributed tracing
 - Used Jib plugin to containerize services and push images to Docker Hub
- **Tech:** Spring Boot, Spring Cloud, Zipkin, Micrometer, Docker

BKBotScheduler (Mobile)

GitHub - Behance - Prototype - Figma
Apr. 2025 - Present

Mobile Application - Team of 4

- Created a mobile application enabling HCMUT students to effectively manage their schedules and events through Google Calendar integration and AI-assisted commands.
- **Responsibilities:**
 - Designed the UI/UX in Figma (Mobile view)
 - Developed the front-end using React Native with Expo on top
 - Showcased the project on Behance
- **Tech:** React Native, Expo

BKBotScheduler (Web)

Web Application - Team of 8

GitHub - Prototype - Figma - bkbotscheduler.vercel.app

Dec. 2024 - Jan. 2025

- Created a website enabling HCMUT students to effectively manage their schedules and events through Google Calendar integration and AI-assisted commands.
- **Responsibilities:**
 - Designed the UI/UX in Figma
 - Developed the front-end using React
 - Implemented Google OAuth authentication
 - Wrote front-end unit tests with Vitest
- **Tech:** FlowbiteReact, React (TS), TailwindCSS, NestJS (TS), PostgreSQL, Vitest, Selenium, Google Calendar and Gemini API

HCMUT Student Smart Printing Service

Web Application - Team of 5

GitHub - Prototype - Figma - hcmutssps.vercel.app

Sep. 2024 - Nov. 2024

- Developed a website enabling HCMUT students to easily print files at their desired printer location.

- **Responsibilities:**

- Designed and implemented the entire back-end (database architecture, API management, and system integration)
- Integrated Azure Blob Storage for file handling
- Designed UI/UX wireframes and prototypes in Figma
- Led front-end development in React and managed global state using Redux
- **Tech:** FlowbiteReact, React (TS), TailwindCSS, Redux, Express.js (TS), Microsoft SQL Server, Azure Blob Storage

TankGame

HTML5 Game - Team of 2

GitHub — hcmutxetangcuongno.vercel.app

Jan. 2025

- Built a 2v2 online multiplayer tank game using a decentralized architecture with WebRTC for peer-to-peer communication.

- **Responsibilities:**

- Set up the project with React
- Integrated WebRTC for peer-to-peer networking
- Implemented Firebase as the signaling server
- Managed real-time game state in React

- **Tech:** React (JS), Firebase, WebRTC

SKILLS

Languages: English (IETLS 7.0), Vietnamese (Native)

Technical Skills:

- **Programming Languages:** JavaScript / TypeScript, Python, Java, C++, Go
- **Frontend:** TailwindCSS, ReactJS, Redux, React Native
- **Backend & Database:** Express.js, Spring Boot, Iris, SQL, MongoDB, Snowflake
- **Tools & Technologies:** Linux, Bash Script, Figma, Docker, Jira.

CERTIFICATES

Software Development with SCRUM

Axon Active - Agile Software Development Company

Ho Chi Minh City, Vietnam

April. 2025

ACTIVITIES

Research on Data Streaming with Distributed Bloom Filter

Supervised by Assoc.Prof. Nam Thoai

Jan. 2025 - Present

- Researching real-time data streaming using Apache Kafka combined with Distributed Bloom Filters for efficient data filtering and storage optimization.

AWARD

Top 6 Best Team at WebDev Adventure 2024

Web Developer - Team SyntaxStriker

Ho Chi Minh City, Vietnam

May. 2024