



PHAN TRUNG HIEU DUY

FRESHER

CAREER GOALS

As a final-year computer engineering student, I am seeking an internship opportunity to apply my technical skills in backend development and embedded systems. I am eager to gain practical experience and further develop my expertise in these areas, which are closely aligned with my academic background and future career goals.

SKILLS

- Backend Development
- Embedded Systems
- C++
- HTML/CSS
- IoT

CONTACT INFO

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WORK EXPERIENCE

N/A
2023 - 2024

Computer Engineering Intern

Designed and developed a smart water and electricity metering system using ESP32 microcontroller
Designed and built an IoT-based web application to control devices using HTML and CSS
Developed a C++ project for a library management system
Designed and implemented a smart warehouse system using ESP32 microcontroller

EDUCATION

Ho Chi Minh City
University of Technology
and Education
2021 - 2025

Computer Engineering

GPA 7/10

SOFT SKILLS

- Problem-solving
- Teamwork
- Critical Thinking
- Communication

HOBBY

- Programming
- Reading
- Music
- Sport

ACTIVITY

Smart Water and Electricity Metering System 2022 - 2023

Project members

Designed and developed a smart water and electricity metering system using ESP32 microcontroller Implemented data collection, storage, and visualization features Integrated the system with a web-based user interface for remote monitoring and control

IoT-based Device Control Web Application 2022 - 2023

Frontend Developer

Designed and built a responsive web application using HTML and CSS Implemented features for controlling IoT devices through the web interface Collaborated with the backend team to integrate the web application with the IoT system Optimized the user experience and ensured cross-browser compatibility

Smart Warehouse System

2022 - 2023

Embedded Systems Engineer

Designed and developed a smart warehouse system using ESP32 microcontroller
Implemented features for tracking temperature and humidity monitoring, and automated control
Integrated sensors and actuators to enable real-time data collection and remote management

Library Management System

2023 - 2024

Frontend Developer

Designed and developed a C++ project for a library management system model.
Implemented features such as book cataloging, borrowing, and return management.
Developed user authentication and authorization mechanisms.
Optimized the system for efficient data storage and retrieval. .