






Binh Pham

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 [pham-tuan-binh](https://github.com/pham-tuan-binh)

Education

Budapest University of Technology and Economics

BSc in Electrical Engineering 2022-2026

Tran Phu Highschool For The Gifted, Viet Nam

Major in Physics

Language

English

IELTS: 8.0

Skills

Programming Languages

C/C++, JavaScript, Python

Backend

NodeJS, ExpressJS, Flask, Django

Frontend

ReactJS, VueJS, Svelte

Database

SQL, MongoDB, Firestore(Firebase)

Project Management

Jira

Other

Knowledge in Graphic Design and Video Editing

Experience

Roytech JSC – Viet Nam (Summer 2021)

Hardware Design Intern

- Design custom 3D Printers based on clients's specifications.
- Manage products and components inventory of the company.
- 3D Design using CAD Software: FreeCAD, Fusion360.

Gratiot JSC – Viet Nam (Summer 2020)

C/C++ Developer Intern

- Develop Firmware for Espressif MCU using PlatformIO and ESP-IDF
- Migrate the whole team workflow to using PlatformIO, increasing productivity.
- Circuits Design using EDA Software.
- Write Python scripts to automate device registration, testing and firmware upload.
- Write Python scripts using IBM Watson IoT Platform SDK to simulate upcoming products and test the systems load.
- Write documentations on the network MQTT API.

Projects on

EThrift – Ecommerce Platform

Backend Developer (NodeJS/ExpressJS)

- Single-handedly develop all APIs for a basic Ecommerce platform and implement security measures like JWT Token and Role-based Authentication.

NeoCoat – Open-source Hardware

Open-source Developer

- Circuits Design using EDA Software.
- Write Arduino Firmware with Web Server and APIs for controlling a matrix of LEDs remotely
- Write documentations and blogs post on project's sites.

Memory Catalog & 365 Days – Open-source Web

Open-source Developer

- Web Design Using Figma
- Frontend development using VueJS and Svelte
- Backend development using NodeJS with ExpressJS