

## I AM

# VIET NGUYEN VAN

## Web Developer



DoB Apr 01, 2001

+84 985 240 161

viet.nguyen.hcmut@gmail.com

Hiep Binh, Thu Duc, Ho Chi Minh City

## SUMMARY

I have many years of web development experience, using ReactJS to handle affordable web applications.

I also have an overview of AWS, and apply CI/CD automation to implement the wonderful web applications with cost-optimized, integrate services for variety customer's purposes.

I always trust that spending more times to solve hard problem make us excellent.

## SKILLS

|                   |   |
|-------------------|---|
| Languages:        | HTML, CSS, Javascript, Typescript, C/C++, Python            |
| Frameworks:       | ReactJS NextJS, React Native, VeloJS, ExpressJS with Prisma |
| Libraries:        | TailwindCSS, shadcn/ui, Ant Design, MUI                     |
| Cloud computing:  | AWS   |
| Containerization: | Docker  |
| Databases:        | DynamoDB, PostgreSQL, S3                                    |
| Powered platform: | AWS Amplify, Supabase, Firebase                             |
| English:          | TOEIC - 610 L&R - 205 S&W (04/2023), VSTEP - B2 (04/2025)   |

## EDUCATION

**HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY - VNU HCMUT | 08/2019 - 11/2023**

***Bachelor of Computer Engineering***

This is a major that blends principles from electrical engineering and computer science.

The core knowledge of this major: Digital Logic, Micro-processor and Micro-controllers, IoT System, Data Structure and Algorithms.

## EMPLOYMENT HISTORY

**DAI QUANG PHAT CO.,LTD | 11/2023 - CURRENT**

***Full-stack Web Developer & Researcher***

*Industry: Traffic System*

*Description: This is a system that controls and monitors traffic lights and warns users about incidents.*

### **Role 1: Full-stack Web Developer**

-Job: Develop a web application for controlling edge devices via the MQTT protocol, using ReactJS and AWS services. I am responsible for designing, coding, and maintaining this project.

-Tech stack: ReactJS NextJS Typescript, Ant Design, TailwindCSS, Redux, AWS, Docker,

-Achievement:

- Enabled customers to monitor the status of all their edge devices
- Provided remote control functionality for these devices
- Implemented incident alerts via email
- Secured data transmission through a VPN connection

### **Role 2: Researcher**

-Job: I am responsible for researching and developing a new line of products—edge devices—that connect to our web application. These edge devices run on a Linux-based system and integrate peripheral modules that communicate via Modbus.

-Tech stack: NodeJS, Real-time MQTT, Modbus

-Achievement:

- Established a connection between electrical cabinets and our web application through edge devices.
- Designed and implemented logical algorithms to process data before triggering any actions in the cabinets.

## EMPLOYMENT HISTORY

**WORLDBASESYS CO.,LTD | 03/2023 - 09/2023**

### **Front-end Web Developer - Intern**

*Industry: Media & Communication*

*Description: This is a platform that allows administrators to create and promote events and users to subscribe to those events, buy tickets,...*

-Job: Develop an CMS web application for administrators use.

-Tech stack: ReactJS ViteJS, MUI, TailwindCSS, Zustand, Supabase

-Achievement:

- Created forms that are ready for creating events, using ReactJS, MUI, TailwindCSS
- Integrated Google Map API, CKEditor

**BOSCH GLOBAL SOFTWARE TECHNOLOGIES | 06/2022 - 08/2022**

### **Embedded Developer - Intern**

*Industry: Automotive*

*Description: This is a project that runs inside the ECU to control the power of the engine.*

-Job: Develop a power controller to control the engine power of the car

-Achievement:

- Got an overview with special automotive software
- Touched professional work environment

## PROJECTS

### **NOTE DI PLS**

*Link source: <https://github.com/vietnguyenhcmut/note-di-pls>*

Please note that the link below has both front-end part and backend-part.

- Front-end: ReactJS NextJS (Typescript), TailwindCSS, Ant Design
- Back-end: NestJS

Description: This is a project to help the users manage their notes. Please read more in the link above.

### **HOTEL MANAGEMENT**

*Link source: <https://github.com/vietnguyenhcmut/vietng-management-express>*

Please note that the link below only has back-end part.

- Back-end: ExpressJS, Supabase, Prisma

Description: This is the website's back-end that handles actions for rooms, bookings, profiles, promotions management

### **WHO AM I?**

*Link source: <https://my-portfolio-psi-eight-38.vercel.app/>*

Please note that the link below only has front-end part.

- Front-end: ReactJS NextJS (Typescript), TailwindCSS, Shadcn/ui

Description: This is the website's front-end that shows information of an employee - portfolio.

## ACTIVITY

**VIETNAMESE IOT SOLUTIONS COMPANY LIMITED | 02/2025 - CURRENT**

*Role: Contributor*

*Industry: Smart Agriculture*

Description: This is a system that controls and monitors farm devices and warns users about incidents.

Achievement:

- Collected agricultural parameters from the farms (by the devices) to the web app solution.
- Built the Task Assignments functionality, and templates for configuration.
- Allowed user to control their agri-devices through RPC control method and received all changed actions through the MQTT protocol.