



VIET NGUYEN VAN

Web Developer

DoB: April 01, 2001

 **NVV**

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SUMMARY

I have 2 years of web development experience, using ReactJS to create web applications. I have been using libraries such as TailwindCSS, Ant Design, MUI, and Redux. I also have overview knowledge about AWS, and apply CI/CD automation to deploy a web application to AWS Amplify, integrated with Lambda, DynamoDB, and Cognito. Besides, I also tried to use the WIX platform to create many websites using VeloJS for basic purposes.

SKILLS

Languages: HTML, CSS, Javascript, Typescript, C/C++, Python

Frameworks: ReactJS NextJS, React Native, VeloJS

Libraries: TailwindCSS, shadcn/ui, Ant Design, MUI

Cloud computing: AWS

Operating system: Windows, MacOS, Linux (Ubuntu)

Database: DynamoDB, S3, PostgreSQL

English: TOEIC - 610 L&R, 205 S&W (08/2023)

EDUCATION

Ho Chi Minh City University of Technology - VNU HCMUT

08/2019 - 11/2023

Faculty: 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

Company: Dai Quang Phat Co.,LTD

11/2023 - now

Industry: Traffic System

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

Role 1: 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.

- Achievements:

- 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.

Role 2: 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.

- Achievements:

- 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

Company: WorldBaseSys Co.,LTD

03/2023 - 09/2023

Position: 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,...

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

Company: Bosch Global Software Technologies

06/2022 - 08/2022

Position: Embedded Developer - Intern

Industry: Automotive

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

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

PROJECT

Name: Note Di Pls

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

Please note that the link below has both frontend part and backend part.

- Frontend: ReactJS NextJS (Typescript), TailwindCSS, Ant Design
- Backend: NestJS

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

Name: Robodev Community

Link Demo: <https://robodev-community.vercel.app/>

Please note that the link below only has the frontend part.

- Frontend: ReactJS ViteJS (Typescript), TailwindCSS, Ant Design

Description: This is the website's front-end that allows students to sign up for courses and do exercises to complete that courses.

ACTIVITIES

Role: Contributor

Company: VIETNAMESE IOT SOLUTIONS COMPANY LIMITED

02/2025 - now

Industry: Smart Agriculture

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

- Achivement:

+ Collected agricultural parameters from the farms (by the devices) to the web app solution