



# Dang Quang Vinh | Full Stack Developer

**Location:** Ho Chi Minh city

**Telephone:** 0329035199

**Email:** quangvinhdang.resume@gmail.com

**Github:** github.com/vinhkute24

## Technical Skills

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- **Programming language:** JavaScript, Java, Python, C/C++.
- **Database manage system:** MS SQL Server, MySQL, MongoDB, PostgreSQL.
- **Framework/ Platforms:** React, Next.js, Flask, Node.js, Express.js. Docker, Postman.
- **Version control system:** Git.
- **English certification:** 685 TOEIC score

## Objectives

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Recent graduate with a strong foundation in full-stack development using ReactJS, NodeJS, MongoDB, and MySQL. Proven ability to build scalable and user-friendly web applications. Seeking an opportunity to apply technical expertise and grow as a developer within a collaborative team

## Education

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**SCHOOL OF COMPUTER SCIENCE & ENGINEERING, INTERNATIONAL UNIVERSITY, VNU-HCM** 2019- 2024  
Major: Computer Science

## Work Experience

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**FULL-STACK DEVELOPER INTERN** – EdgeWorks Software June 2022 – October 2022

- Utilized **React** frameworks to create interactive, responsive, and user-friendly web designs.
- Developed a **RESTful API** with Python using the **Flask** microframework.
- Ensuring data integrity and optimizing retrieval processes from the database.
- Utilizing Scrum **Agile** methodology to develop a website allows for iterative, collaborative, and adaptive processes, resulting in efficient development cycles and a product tailored to evolving user needs.

## Projects

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**BRAIN TUMOR CLASSICATION** – Personal Thesis Project December 2023 – March 2024

- Built deep learning model to classify three types of brain tumors by combine two pre-trained convolutional neural network (CNN) models.
- Apply pre-processing step for better model learning process.

- Aggregated and visualized the data by using **pandas**, **matplotlib** to compile a professional report.
- [Github](#)

## **BITCOIN HISTORICAL VISUALIZE** – Team Project

January 2023- March 2023

- Leveraged an **API** to retrieve real-time Bitcoin historical market data, ensuring the latest and most relevant information for analysis.
- Utilized the **D3** library to create dynamic visualizations that provided insights into market trends and patterns, enhancing our understanding of Bitcoin's market behavior.
- Developed a web page using **HTML**, **CSS**, and **JavaScript** for data presentation.
- Produced detailed reports summarizing our analysis, visualization outcomes, and significant findings, enabling stakeholders to make informed decisions.
- [Github](#) | [Demo Page](#)

## **CONTENT MANAGEMENT SYSTEM FOR A BLOG** - Team Project

September 2022 – November 2022

- Create and connect database through **MongoDB**.
- Utilized **ReactJs** for building a responsive and interactive user interface, ensuring a seamless user experience.
- Implemented a **Node.js** server with Express for handling user authentication.
- **CRUD** Operations: Enabled users to create, read, update, and delete blog posts and profile information, ensuring full control over content
- [Github](#)

## **LOCAL MUSIC STREAMING** – Personal Project

July 2023 – July 2022

- Utilized **Next.js** for server-side rendering and efficient, fast-loading pages, ensuring an optimal user experience.
- Implemented Redux for managing application state, allowing for predictable and centralized state management across the app
- Built a robust backend using **Flask**, facilitating efficient handling of API requests, user authentication, and music streaming logic.
- Employed **PostgreSQL** for reliable and scalable data storage, managing playlists data, and music metadata.
- [Github](#)

## **E-COMMERCE WEBSITE** - Personal Project

April 2022- June 2022

- Create and connect database through **MongoDB**.
- With **Node.js**, develop an e-commerce platform enabling product updates, client authentication, product filtering by price, popularity, and date, along with a powerful search feature.
- Routing to an application's endpoints (URIs) to respond to client requests.
- Pay through **API** Paypal.
- Utilized **React** frameworks to design interface.
- [Github](#) | [Demo Page](#)

## **SHOPEE WEBSITE** - Personal Project

April 2022- April 2022

- Utilized **HTML**, **CSS**, **JavaScript** to design Shopee website interface.
- [Github](#) | [Demo Page](#)