

Nguyen Huu Tai

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SUMMARY

Aspiring Fullstack Developer with solid background in coding and a passion for problem-solving. Fluent in English, I thrive in collaborative environments, adept at software development and keen on applying computer science fundamentals.

TECHNICAL SKILLS

Programming Languages: C++,C#,SQL, Javascript,PHP,Java,Python,NodeJS

Frameworks & Libraries: Tailwind,Material UI,Bootstrap,ReactJS,Redux,FastAPI

Tools: Git,Docker,Trello,Figma,ERStudio

PROJECTS

Delivery Management System

Github

January 2023 – March 2023

Microsoft SQL Server, C#

- Designed and implemented a database system from scratch using Microsoft SQL Server for a delivery management system and a hotel management system
- Incorporated intermediate-level security and privacy policies such as discretionary access control (DAC) and role-based access control (RBAC)
- Utilized isolation levels to prevent deadlocks and manage concurrent transactions effectively
- Implemented query processing and optimization algorithms for efficient data retrieval and manipulation
- Developed a user application with C# to interact with the database

Dictionary Application

Web Development

October 2023 – December 2023

Java Swing

- Created a basic dictionary application using Java Swing
- Designed a database schema to store word definitions, synonyms, and other relevant information
- Built a user interface with search and display functionalities, as well as options to add and edit dictionary entries

Task management System

Github

December 2023 – January 2024

PHP, HTML, CSS, JavaScript

- Designed a basic todo list management application
- Utilized PHP for backend development, and HTML, CSS, JavaScript for frontend development
- Implemented features for adding, editing, and deleting tasks
- Developed a user-friendly interface with responsive design

NLP Chatbot Application

Website

January 2024 – June 2024

React TypeScript, Material UI, FastAPI, Qdrant

- Developed a chatbot application using React TypeScript for the frontend and FastAPI for the backend
- Utilized Qdrant for vector search to store and retrieve chatbot responses
- Implemented a user-friendly interface with Material UI for seamless user interaction
- Containerized the application using Docker for easy deployment and scalability

EXPERIENCE (1 YEAR)

Vietnam USA Society English Centers
Outsourcing contract

Sep 2023 – June 2024
189 Nguyen Thi Minh Khai, Pham Ngu Lao Ward, District 1, Ho Chi Minh City.

- Work as a part of a 5-member team to release and update custom form for company clients in educational application.
- Documentation: Analyzed and documented complex business logic to ensure understanding and maintainability.
- Daily Meetings: Actively participated in daily stand-ups and progress reports to maintain project momentum.
- Debugging: Effectively debugged and resolved application issues, improving system stability and user experience.
- SQL Optimization: Optimized SQL queries to enhance application performance by 50% and reduce database load.
- User Requirements: Collaborated with stakeholders to gather and refine user requirements, ensuring alignment with business objectives.
- Testing: Conducted thorough unit, integration, and system testing to identify and address defects, ensuring product quality.

EDUCATION

Quang Trung High School for the Gifted
Mathematics Major and mathematics team member

Binh Phuoc Province
08/2017 – 07/2020

Ho Chi Minh University of Science
Information System with GPA 8.0/10

227 Nguyen Van Cu Street, District 5, HCMC
08/2020 – 06/2024

Coursework: Data Structures and Algorithms, Computer Networking, DBMS, AI Fundamental, Java Application

CERTIFICATIONS

- IELTS 6.0
- Toeic 765 (WR)