



Vuong Dinh Quy

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Summary

Software engineer with hands-on experience in data crawling, and full-stack web applications. Demonstrates strong problem-solving skills, proficiency in Python, React Native, Next.js, and Google Cloud, eager to apply foundational programming knowledge and grow as a Developer through practical training opportunities.

Skills

Programming Languages: Proficient in Python, JavaScript, TypeScript, Java programming concepts.

Frameworks & Tools: FastAPI, Next.js, React Native, Google Cloud, PostgreSQL, Git, Data Crawling, AI modeling, Postman, Playwright, Puppeteer, Rest Assured, Allure Report, Jenkins.

Core Competencies: Data analysis, AI integration, full-stack development, software testing, problem-solving, team collaboration.

Database & Data Pipeline: PostgreSQL, Data crawling, data pipeline automation.

Fluency in English: IELTS 7.0 overall with excellent communication skills.

Experience

Business Analyst Intern

July 2024 – July 2025

Primas Group - Ho Chi Minh City

- Conducted competitor product research to identify key features for future releases.
- Collaborated with developers to ensure accurate implementation, enhancing user experience.
- Supported requirements analysis and documentation for application updates.

Teaching Assistant (Volunteer)

April 2025 – June 2025

Stanford University's Code in Place - Remote

- Assisted students with understanding programming fundamentals and assignments.
- Provided guidance on Python coding best practices.

Software Tester

Nov 2025 – Current

Endava - Ho Chi Minh City

- Performed API testing using Postman and automated test scripts to validate request/response structures, authentication, and database consistency.
- Developed and maintained automated test frameworks integrated with Jenkins CI to ensure continuous validation of services.
- Executed UI and integration testing to verify end-to-end data flow between frontend, backend.
- Identified, documented, and tracked defects in backend logic and database queries, contributing to improved system stability and performance.

Projects

Spotify inspired mobile app

https://github.com/sinosukequy/Spotify_UI | https://github.com/sinosukequy/Spotify_API

- Developed and designed all the UI for the mobile application, admin panel and artist page.
- Implemented data crawling for songs feeds/song search from YouTube.
- Built the backend with Node.js and Express.js for all the application features: artist upload songs, run the crawl process to display data... and database design.
- Captain and lead the whole team.

Coffee Warehouse Management Website with AI-Driven Coffee Price Forecasting

https://github.com/sinosukequy/COFFE_PREDICT

- Developed AI models for coffee price prediction and integrated them into the management system.
- Built data crawling pipelines for daily coffee and commodity price updates.
- Designed chatbot for coffee-related queries and handled frontend/backend tasks using Next.js, FastAPI.

NutriAI Planner: AI-Powered Nutrition & Meal Planner App

<https://landing-page-nutrient-app.vercel.app>

- Engineered personalized AI recommendation engine leveraging Gemini and pgvector.
- Implemented data crawling from Google Maps to gather restaurant details.
- Developed UI features for calorie tracking and meal planning on React Native and Next.js.

Education

Ho Chi Minh City University of Technology and Education

2021 - 2025

Information Technology Engineer - 3.64/4