Quoc An Nguyen

Full-Stack Engineer

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Experience

Software Development Engineer @ SSI Securities Corporation (Hanoi, Vietnam)
(April 2022 - Present)

- Develop and maintain an in-house trading application primarily using Python FastAPI, Kafka message queue, Redis cache, and Oracle DB.
- Use ReactJS to write the frontend and socket.io for real-time streaming data between the server and client.

Software Development Engineer @ RELIPA Software (Hanoi, Vietnam)
(April 2021 - April 2022)

- Develop and maintain backend services in a NFT-games website using NodeJs (ExpressJs) and interact with Ethereum smart contracts to enable various features (buy, sell NFT).
- Build the frontend of this NFT marketplace using ReactJs, Material UI and Ethers.js.

Software Development Engineer @ Toshiba Software Development Vietnam
(August 2020 - March 2021)

- Develop and maintain code for a web application with features such as face detection and text extraction. Create frontend using ReactJS.
- Use Python FastAPI to develop microservices to deploy machine learning models and offer predictions to end-users over REST APIs.

Software Development Intern @ Toshiba Software Development Vietnam
(May 2020 - August 2020)

- Learn about the software development process, as well as the fundamentals of data structures and algorithms, OOP, and testing.
- Support the development of backend services using the Python FastAPI.

Skills

Programming Languages:
JavaScript (ES6), TypeScript, HTML, Python

Libraries & Frameworks:
React, Redux, Tailwind, MaterialUI, NodeJs, Express, FastAPI.

Database:
PostgreSQL, Oracle DB, MongoDB, Redis

Others: Kafka, Git.

English: B2 - IELTS 6.5

Education

Hanoi University of Science and Technology
(2016 - 2021) Hanoi, Vietnam

Bachelor of Engineering in Electronics and

Telecommunications Engineering (Talent Program)

CPA: 3.22/4.0 (8.05/10)
Degree Classification: Very Good

Project

- **E-commerce Website:** An Headphone E-commerce website built with Next.js, Sanity.io and integrated with Stripe.
- **ChatApp:** Simple Chat App using MERN Stack and socket.io .

Interests

Running, traveling.