RODO NGUYEN

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SUMMARY

Fullstack Software Engineer with rich skillset and 2+ experience in developing commercial applications. My focus has been on delivering efficient, high-quality products . In addition, I possess strong collaborative skill and deep understanding of the business aspects. An avid learner.

My technical stack consists of JavaScript, Python, C# for backend and JavaScript for frontend.

SKILLS

Languages: JavaScript/TypeScript • C# • Python • SQL
Front-End: React • Tailwind • Vite • HTML5 • CSS • SCSS   **Back-End:** NestJS • ExpressJS
Database: PostgreSQL • MySQL • DynamoDB • MongoDB   **Testing**: Jest • K6
DevOps: Amazon AWS • Docker • Linux/Ubuntu • GitHub Actions   **Others:** Git/GitHub
Soft Skills: Teamwork • Project management • Stakeholder engagement • Agile

EXPERIENCE

Software Engineer | DLTx Labs   Nov 2023 – Present
React • Nest.JS • Vite • Tailwind • PostgreSQL • .NET • Docker • Linux • GitHub Actions • K6

Cryptocurrency Exchange TCIA

- Implemented various core features across the REST API, User Interfaces and Database.
- Optimised Postgres database using advanced features (Views, Indexing), reducing execution time by x2 to x10 and crash likelihood due to out-of-memory.
- Was recognised by my implementation of foundational user interface (UI) components that provide a unified and modern look product-wide. Proposed many UI improvements based on my testing, which were incorporated into the team's project planning.
- Implemented reusable code patterns in a large-scale application, improving developer efficiency and reducing maintenance costs.
- Enhanced trade validation and error handling, significantly improving application reliability which is detrimental to a crypto exchange.

Get Paid In Bitcoin (GPIB) | github.com/dltxio/v2.getpaidinbitcoin.com.au

- Upgraded the legacy User Interface to version 2, improving the usage experience of thousands of users on the app. This includes enhancing component functionalities, removing deprecated and updating core dependencies.
- Implemented a large portion of Bills page, a new Bitcoin payment portal to pay bills. This involves building new payment UI components and expanding the .NET API to interact with the database, authenticate, integrate with email provider's API.
- Engaged in meetings and showcases with the client. Worked closely with the client to define ticket.

Junior Software Engineer | AerVision Technologies   June 2023 – Nov 2023
React • .NET • Django

- Maintained and built new features for company product's frontend and backend.
- Swiftly addressed support tickets and liased with other team members when needed.

Software Engineer | S23M   Feb 2022 – Nov 2022

- Developed a new React application with a modern look using MaterialUI and integrated fully with the backend's REST API.
- Collaborated closely with clients to gather product requirements.

PROJECTS

Community LLM Assistant | Bifrost Lab | github.com/bifrostlab/llm-assistant   2024

- Developed an LLM Assistant for a Community Discord Server - VAIT (Vietnamese Aussies in IT) with built-in features to assist with general questions about the community, review members' resumes and more.
- Collaborated with a team of 2 AI Researchers, 1 Software Engineer and 1 DevOps Engineer to design and implement the project.

EDUCATION

Bachelor of Information Technology (Computer Science) | Queensland University of Technology   2019 - 2022
6.4 / 7.0 ~ 91%

- Exceled in Web/Cloud Computing, Machine Learning, Data Structures and Algorithms
- Received International Merit Scholarship (for High Performing Students) and Dean's List Award (for High GPA)