Khoi Nguyen

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SUMMARY

Software Engineer with robust full-stack development experience, adept at designing and maintaining scalable applications. Developed responsive frontends and optimized performance, achieving improvements such as a 28% faster page load speed and 15% reduced downtime. Proven skills in Agile environments and proficiency in languages including Java, JavaScript, and Python, ensuring clean, efficient code and seamless cross-functional collaboration.

TECHNICAL SKILLS AND CERTIFICATIONS

- **Programming Languages**: Java, C, C++, CSS, HTML, React, NextJs, MySQL, MongoDB, Typescript, Python
- **Operating Systems, IDEs & Platforms**: Git, GitHub, Agile/Scrum, VSCode, OpenFin, UI Libraries & Components: Ag-grid, React Hook Form, Chart.js
- **Data Handling**: REST APIs, JSON, WebSockets

RELATED EXPERIENCE

RND4IMPACT INC   Aug 2024 - Present
Full-Stack Developer   *Remote*
- Engineered responsive and accessible front-end interfaces using HTML5 and SASS, enhancing page load speed by 28%.
- Implemented interactive dashboards with React, Redux-Saga, and TypeScript, enabling clients to visualize and act on real-time data 30% faster.
- Designed and maintained scalable REST APIs with real-time updates via WebSockets, reducing system downtime by 15% while adhering to Agile development practices.

Catton   Dec 2023 - Aug 2024
Front-end Developer   *Remote*
- Collaborated in a small cross-functional team to design and implement the landing page for Catton, a blockchain-based game on Telegram.
- Optimized UI/UX to increase user engagement by 15% and boost conversion rates by 10%, writing clean and efficient code.
- Enhanced responsive design and cross-platform compatibility, improving accessibility for over 600k social users.
- Coordinated closely with designers and back-end developers to ensure seamless integration and smooth user experience, reducing reported issues by 20%.

Midas Protocol (crypto-based Startup)   Mar 2018 - Jun 2019
Community Manager and QA Engineer   *Singapore*
- Participated in testing company products prior to their official release using Postman to identify and resolve over 50 critical issues.
- Assisted over 5000 customers worldwide in understanding the company's value and products, leading to a 20% increase in customer satisfaction.
- Created a tutorial series of "How-to" videos to enhance user comprehension of Midas's products, resulting in a 30% decrease in customer support inquiries Video Link.

EDUCATION

Rutgers University New Brunswick, NJ   Jan 2021 - May 2024
Bachelor of Science, Computer Science
- **Coursework:** Data Structure and Algorithms, OOP, Web Development, Probability and Discrete Structure

PROJECTS

NMbank: Modern Bank For Everyone – Online Demo & Git Repo
- Developed a financial SaaS platform that connects multiple bank accounts, displays real-time transactions, and manages finances.
- Implemented user authentication, bank account linking with Plaid, and real-time updates, providing a seamless user experience.
- Improved platform accessibility and optimized the UI/UX, leading to better user engagement.
- Tech Stacks: Next.js, TypeScript, Plaid, Dwolla, React Hook Form, Zod, TailwindCSS, Chart.js And ShadCN

BetterThreads: A Thread But Just Better – Online Demo & Git Repo
- Created and deployed BetterThreads, a Next.js web application for thread discussions with authentication and community features.
- Worked on responsive design, server-side rendering, and MongoDB integration, enhancing the app's performance and SEO.
- Collaborated with a team to build community-specific threads, nested commenting, and user profile management features.
- Tech Stacks: Next.js, MongoDB, ShadCN, TailwindCSS, Clerk, Webhooks, TypeScript.