

Khoi Nguyen

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EDUCATION

Rutgers University

Bachelor of Science in Computer Science.

New Brunswick, NJ

Jan 2021 – May 2024

Relevant Coursework: Data Structure and Algorithms, OOP, Web Development, and Probability and Discrete Structure.

TECHNICAL SKILLS AND CERTIFICATIONS

Programming Languages: Java, C, C++, CSS, HTML, React, NextJs, MySQL, MongoDB, Typescript.

Operating System, IDE, & Platform: Git, GitHub, Agile/Scrum, VSCode, OpenFin (familiarity), UI Libraries & Components: Ag-grid (familiarity), React Hook Form, Chart.js

Data Handling: REST APIs, JSON, WebSockets

Language: English (Fluent) & Vietnamese (Native).

RELATED EXPERIENCE

RND4IMPACT INC

Full-Stack Developer

Remote

Aug 2024 – Present

- Developed responsive and accessible frontends using **HTML5**, **SASS**, and **modular Web Components**, improving page load speed by **28%**
- Built interactive dashboards with **React**, **Redux-Saga**, and **TypeScript**, enabling clients to visualize and act on real-time data with **30% faster response times**
- Designed and maintained scalable **REST APIs** and handled real-time updates via **WebSockets**, reducing system downtime by **15%**

Catton

Front-end Developer

Remote

Dec 2023 – August 2024

- Worked in a team of three to design and implement the landing page of Catton, a blockchain-based game developed on Telegram.
- Optimized the website's UI/UX, increasing user engagement by **15%** and boosting conversion rates by **10%**.
- Contributed to the responsive design and cross-platform compatibility, improving accessibility for **600k+** social users.
- Coordinated closely with designers and back-end developers to ensure seamless integration and smooth user experience, reducing reported user issues by **20%**.

Midas Protocol (crypto-based Startup)

Community Manager and QA Engineer

Singapore

March 2018 – June 2019

- 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](#).

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.