HOWIE NGUYEN

Riverside, CA

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SKILLS

Soft Skills: Problem-Solving, Time Management, Communication Skills, Critical Thinking

Languages and Frameworks: C++, Java, Javascript, Typescript, ES6, HTML/CSS, SCSS/SASS, React, Node.js, Next.js, Babel, DOM, Git, Swift, Kotlin, Gradle, PostgreSQL, NoSQL, MongoDB, MySQL, REST APIs

Developer Tools: Visual Studio Code, Github, Postman, Docker, Linux

EXPERIENCE

SIZZLE   **July 2023 – Present**
Front End Developer   *Riverside, California*

- Engineered a Dietitian Dashboard on a SaaS-based web application with React and TypeScript, featuring user-friendly timelines and charts from Figma.
- Enhanced dashboard responsiveness through UI state management optimization with React Redux Toolkit.
- Integrated and managed Firebase Analytics for the Dietitian Dashboard to monitor user interactions and engagement metrics.
- Streamlined patient tracking efficiency by **66.7%** using RTK Query from **3ms** to **1ms**.
- Reduced deployment time by **25%** with Vercel's automated deployments and caching, utilizing CI/CD pipelines for faster and more reliable updates.
- Enhanced brand consistency and responsive design by streamlining color themes and typography with SCSS, cutting boilerplate code by **18%**.
- Created adaptive pagination for patient lists, starting with **21** entries and seamlessly loading more as users scroll.

SIZZLE   **September 2022 – May 2023**
IOS Developer   *Riverside, California*

- Collaborated in a 4-person, cross-functional team to deploy a Kotlin Multi-platform app, streamlining dietitian-patient communication across all devices.
- Led the UX/UI design of secure login, sign-up, and messaging interfaces using Swift.
- Built APIs for registration, chat, and notifications with WebSockets and MongoDB, enhancing application development.
- Generated detailed weekly reports on database and software architecture for strategic insights in scrum meetings.

PROJECTS

VH Image Gallery | *Neon.tech, Django, React, Typescript, SCSS, Python, Vercel*   **December 2023**

- Created an AI-driven art image identification backend with Django and PostgreSQL.
- Developed a responsive interface using web technologies like React, TypeScript, and SCSS.
- Trained AI models to classify user-submitted images against a dataset of **500** images, achieving **78%** accuracy in gallery type identification.
- Optimized image retrieval and database efficiency with the Repository pattern.

Real-time Chat Application | *MongoDB, React, Express.js, Node.js, Heroku, Netlify*   **May 2023**

- Developed a real-time chat application featuring chat bubbles, reactions, and emojis.
- Implemented server-side routing and WebSockets to boost app responsiveness.
- Selected a NoSQL DB to handle a large number of writes per second with minimal latency.
- Used Repository pattern to streamline chat app development and data handling.

EDUCATION

University of California Riverside, Riverside   **September 2021 – June 2023**
Bachelor of Science in Computer Science   *Riverside, California*

San Diego Mesa College, San Diego   **August 2019 – June 2021**
Associate Transfers for Computer Science   *San Diego, California*