Robert Hoover
SOFTWARE ENGINEER

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SKILLS

Strong: JavaScript (ES6+), TypeScript, React, Node.js, Express.js, Next.js, GraphQL, MongoDB, Jest, Cypress, HTML, CSS, TailwindCSS, SASS, MUI, Git / Gitlab, RESTful API, Postman

Experienced: AWS (S3, EC2, DynamoDB, Lambda, Route 53), Python, Django, Redux, OAuth, JWTs, Redis, WebSockets, Docker, webpack

PROJECTS

PersonifAI - Software Engineer   *2023*
- Implemented Next.js to leverage its advanced routing and server-side rendering capabilities, optimizing initial load times for an enhanced user experience.
- Leveraged Tailwind CSS to streamline front-end development, harnessing its utility-first approach to create efficient and responsive user interfaces that enhance the overall user experience.
- Successfully integrated Stripe's payment gateway to enable seamless handling of paid subscriptions, enhancing the monetization strategy and ensuring a smooth user experience for premium services.
- Employed Prisma as the database toolkit of choice, optimizing data management and access through its modern ORM features, ultimately contributing to streamlined development and robust data-driven applications.

Adventure Connect - Software Engineer   *2023*
- Implemented secure user authentication by designing and developing a sign-up and sign-in interface empowered by JSON Web Tokens (JWTs), ensuring a reliable and protected user access experience while maintaining data integrity and privacy.
- Designed and structured a robust Node.js/Express server that adeptly manages HTTP requests across diverse endpoints using the middleware design pattern. Employed routers and controllers to modularize backend interactions, fostering a clear chain of responsibility, amplifying code readability, and simplifying debugging processes.
- Constructed application using Webpack to ensure scalability, maintainability, and accelerated load times. Crafted configuration settings to incorporate hot module reloading, ES6+ transpilation for developer packages, and implemented minification and uglification techniques to minimize bundled file sizes, contributing to an optimized development workflow and enhanced user experience.
- Facilitated daily standups to streamline progress tracking and conducted regular code review sessions.
- Mentored junior engineers, performed code review, pair programming and provided project guidance to develop best practices.

Fridge Wizard - Software Engineer   2023
- Built a secure and seamless user authentication system by creating a sign-up and sign-in interface powered by JSON Web Tokens (JWTs), ensuring a trustworthy and private user access journey while safeguarding data integrity.
- Built a resilient Node.js/Express server, efficiently handling HTTP requests across diverse endpoints through the application of the middleware design pattern. Employed routers and controllers to modularize backend interactions, establishing a coherent chain of responsibility that bolstered code clarity, readability, and facilitated smooth debugging processes.
- Leveraged MongoDB to underpin the app's data management, ensuring reliable storage and retrieval of user-inputted fridge items. Implemented a user-friendly interface powered by React and Tailwind CSS, facilitating intuitive data entry and providing calculated expiration dates based on user-entered purchase information.
- Facilitated effective daily standups to streamline progress monitoring and conducted routine code review sessions. Additionally, I provided mentorship to junior engineers, actively engaging in code review and pair programming, while offering valuable project guidance to cultivate a culture of best practices within the team.

EMPLOYMENT

Japanese Paralegal/Translator | Multiple locations   2007-2023

EDUCATION

Codesmith | *Software Engineering*   *2023*
San Diego State University | San Diego, CA | *BA*   *2006*