

ISAAC KI

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TECHNICAL SKILLS

Languages: Java, Javascript, Python, TypeScript, C++, SQL, HTML5, CSS

Frameworks/Tools: React, Redux, Express, Node.js, Flask, Sequelize, SQLAlchemy, PostgreSQL, AWS, Docker, Playwright, MongoDB, Prisma, Next.js 13, Tailwind

PROJECTS

AppBnB | Javascript, Python, React, Redux, Express

[live site](#) | [github](#)

- Stored images on Amazon Web Services S3 for website speed optimization/reducing server load and user experience by allowing for the upload of custom images
- Designed and implemented custom validators in Sequelize to enhance data scanning and validation processes, resulting in increased data security and reduced risk of errors in applications
- Utilized React Redux hooks, including 'useDispatch' to dispatch actions and update state in a Redux store

YourSpace | TypeScript, Next.js 13, React, MongoDB, Pusher, NextAuth

[live site](#) | [github](#)

- Implemented real-time messaging functionality using Pusher (WebSockets), resulting in 30% decrease in response time
- Leveraged Prisma as an ORM (Object-Relational Mapping) tool to interact with the MongoDB database, simplifying database operations and enhancing development productivity
- Utilized the Tailwind design framework to create a sleek and modern user interface, reducing amount of CSS code written by > 95%

Howl | Javascript, Python, React, Redux, Flask, Postgres

[live site](#) | [github](#)

- Implemented mapping functionality using the following Google APIs: Geocoding (store/user address coordinates), Google Distance Matrix (distance), and Google Maps Javascript (visual map/markers)
- Used CSS grid, media queries, and flex among other responsive design principles for optimal display on various screen sizes

Punchender | Javascript, Python, React, Redux, Flask, Postgres

[live site](#) | [github](#)

- Directed modeling of API endpoints and database for seamless frontend to backend integration
- Facilitated discussions with team in transition to Render for website hosting and implementation of Figma wireframe design to deliver real-world project within 2 weeks in an Agile, remote team setting

EXPERIENCE

Loan Officer Assistant

E. Mortgage Capital

Dec 2020 - June 2022

- Optimized an existing file transfer script, resulting in a 20% increase in applications processed
- Managed loan application pipeline of 150+ applications, ensuring a timely processing and closing rate of 90%
- Maintained knowledge of industry guidelines with a 100% compliance rate with all relevant regulations for 3 consecutive quarters

EDUCATION

App Academy

San Francisco, CA

1000+ hour immersive full-stack web development intensive with <3% acceptance rate

2022 - 2023

University of California, Los Angeles

Los Angeles, CA

Emphasis on Electrical Engineering with some Computer Science courses

2015 - 2020