

Brian Rodriguez Martinez

SOFTWARE ENGINEER

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Technical Skills: JavaScript | Python | Flask | React | PostgreSQL | HTML5 | Git | CSS3 | Express | Sequelize | SQLite3 | AWS | HTTP | Docker | RESTful API's | OOP | Node.js | CI/CD | NextJS | Firebase

Relevant Skills: Results Oriented | Team Player | Fast Paced Learning

Interests: Anime | Gaming | Rock Climbing

PROJECT EXPERIENCE

Anigram | Python | Flask | Javascript | React | Redux | Docker

[Github](#) \ \ [Live](#)

- Created an anime search and watchlist application with Flask, SQLAlchemy, and React, utilizing the Jikan API for data retrieval and PostgreSQL for database management.
- Designed and implemented a dual-function search bar in React and Redux, facilitating efficient switching between anime and user searches.
- Developed a follow/unfollow feature with Flask, SQLAlchemy, and React, enhancing database efficiency and enabling real-time user activity updates.
- Integrated debounced API calls to the Jikan API, resulting in an improvement in response time, and enhanced user experience with typeahead functionality.

CozyVibe | Javascript | React | Express | Sequelize | Redux

[Github](#) \ \ [Live](#)

- Designed and implemented a role-based access control system for a review and spot management platform, reducing unauthorized operations through the use of custom middleware.
- Developed and managed data models using Sequelize ORM, enhancing database efficiency for over 1,000 user-generated locations, reviews, and images.
- Engineered RESTful API endpoints for spot creation, booking, and reviews, enhancing user engagement with listings and reducing data inconsistencies.

WORK EXPERIENCE

LVC Solutions LLC | *Software Engineer Intern* | *Remote*

March 2025 – Present

- Developed secure, type-safe REST APIs with Next.js and TypeScript, backed by Firebase Firestore, to manage user and company data in real time.
- Integrated Firebase ID token verification into backend routes to enforce role-based access control and protect sensitive user actions.
- Implemented Google Cloud Vision API to verify official IDs for facial recognition, streamlining and securing the user onboarding process.
- Deployed Firebase Cloud Functions to trigger real-time notifications for connection requests and approvals, boosting user engagement.

American Freezing Point LLC | *Software Engineer* | *Remote*

July 2023 – August 2024

- Built a serverless backend with AWS Lambda and Sequelize (PostgreSQL) to manage inventory, appointments, and customer data.
- Developed a responsive frontend with React, TypeScript, and Next.js, integrating secure booking and customer forms with backend APIs to streamline user interactions.
- Integrated AWS Cognito for role-based authentication, securing dashboards and protecting sensitive customer and appointment data.
- Deployed the static frontend and document uploads to Amazon S3; monitored system health with CloudWatch for real-time alerts and high service uptime.

EDUCATION

App Academy \ \ Full Stack Web Development

Completed 03/2025