Brian Rodriguez Martinez
SOFTWARE ENGINEER

Brian894526@gmail.com \\ 305-318-0502 \\ LinkedIn \\ Github \\ Portfolio \\ Miami, FL (Willing to Relocate)

Technical Skills: JavaScript | Python | Flask | React | C# | PostgreSQL | HTML5 | Git | CSS3 | Express | Sequelize | SQLite3 | AWS | HTTP | 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 - Tech Stack: 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*
Tech Stack: Firebase Firestore, Firebase Storage, NodeJS, NextJS, Firebase Cloud Functions, React
March 2025 – August 2025
- 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*
Tech Stack: AWS Lambdas, AWS Cognito, AWS S3, AWS RDS (PostgreSQL), , AWS API Gateway, CloudWatch, React/Redux, NodeJS
July 2023 – August 2024
- Designed and deployed a serverless backend using AWS Lambda and PostgreSQL to power internal tools used by office staff and technicians, handling over 10,000 monthly API requests for job scheduling, inventory tracking, and document management.
- Built and maintained a secure internal web interface for staff, hosted on AWS S3 and connected through API Gateway, streamlining daily operations such as service scheduling, work order management, and record-keeping.
- Developed a document and media management system using AWS S3 to store service photos, PDFs, and installation files, supporting 500+ uploads per month with secure access control and audit logging.
- Implemented backend monitoring and alerting with Amazon CloudWatch, using log-based alarms to quickly detect and respond to errors, ensuring system reliability and smooth operation.

EDUCATION | App Academy \\ Full Stack Web Development   Completed 03/2025