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 | 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 - 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 – 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*
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 (via Sequelize), handling over 10,000 monthly API requests across customer booking, inventory updates, and technician scheduling workflows.**
- **Built and deployed a dynamic React + Next.js frontend hosted on AWS S3 and integrated with AWS API Gateway, enabling customers to submit service requests and office staff to manage daily operations with 99.9% uptime.**
- **Utilized AWS S3 to store and serve service photos, installation documents, and PDFs — handling 500+ file uploads monthly with access logging and public/private object control.**
- **Monitored backend performance and errors through Amazon CloudWatch, using log filters and alarms to detect and resolve critical issues within minutes.**

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