

Brian Rodriguez Martinez

SOFTWARE ENGINEER

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

Technical Skills: JavaScript | Python | C# | React (Next.js) | Flask | Node.js (Express) | PostgreSQL (Sequelize) | Firebase | AWS | Git | CI/CD | RESTful APIs

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

Interests: Anime | Gaming | Rock Climbing

PROJECT EXPERIENCE

Anigram - Python, Flask, Javascript, React, Redux, Docker, AWS

[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.
- Implemented a decoupled notes service with AWS Lambda and DynamoDB, enabling users to annotate anime entries with personal notes while improving application modularity and scalability.

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.
- Deployed Firebase Cloud Functions to trigger real-time notifications for connection requests and approvals, boosting user engagement.
- Built file upload and retrieval workflows with Firebase Storage, streamlining user content management and improving overall application usability.

EDUCATION | App Academy \ \ Full Stack Web Development

Completed 03/2025