Brian Rodriguez Martinez

FULL STACK SOFTWARE ENGINEER

Brian894526@gmail.com \\ 305-318-0502 \\ LinkedIn \\ Github \\ Portfolio \\ Miami, FL

I am a passionate Full Stack Developer with a strong foundation in web development. I fell in love with programming after having the epiphany that with enough research, passion for what I do, and time, I am capable of building anything I want from nothing. Now, I focus on building innovative, scalable web applications, while continuously expanding my skills in both front-end and back-end technologies. Outside of coding, I enjoy rock climbing, gaming, and anime!

Technical Skills: JavaScript **|** Python **|** Flask **|** React **|** PostgreSQL **|** Express **|** Sequelize **|** SQLite3

Relevant Skills: Adobe **|** Data Analysis **|** Excel **|** Client Management **|** Customer Service **|** Team Leadership **|** Fast Paced Learning

PROJECT EXPERIENCE

Anigram | Python **|** Flask **|** Javascript **|** React **|** Redux **|** Docker   **Github** \\ **Live**
- Developed a full-stack anime tracking application using Flask and SQLAlchemy with RESTful APIs integrating Jikan API, optimized through caching and error handling systems
- Implemented secure authentication using Flask-Login with password hashing, relationship mappings, and custom access controls to support granular user permissions
- Created a comprehensive watchlist management system with RESTful endpoints enabling users to track anime across multiple collections with efficient database operations
- Built a social interaction feature with follow/unfollow functionality, optimized relationship models, and performant query methods for streamlined user experience

CozyVibe | Javascript **|** React **|** Express **|** Sequelize   **Github** \\ **Live**
- Developed RESTful API for spot rental platform using Express.js and Sequelize with robust validation middleware for data integrity and query parameter handling
- Created dynamic React components with Redux state management for reusable UI elements that handle user interactions based on authentication state
- Built review and spot management system with role-based access control using custom middleware to validate permissions and prevent unauthorized operations

Batmanhood | Python **|** Flask **|** Javascript **|** React **|** Redux **|** Docker   **Github** \\ **Live**

- Developed full-stack stock trading application with Flask and React, integrating Yahoo Finance API with custom caching to reduce API calls by 80%
- Created portfolio management system with SQLAlchemy models for tracking investments, including real-time valuation and detailed performance metrics
- Built robust error handling infrastructure with retry mechanisms, request deduplication for preventing duplicate transactions, and comprehensive logging

WORK EXPERIENCE

T&E Roofing Inc. | *Materials Coordinator/iRoof Expert/Customer Service Representative* **|** Miami, FL   **October 2023 – July 2024**
A&E Brothers Roofing | *Customer Service Representative* **|** Miami, FL   **April 2023 – October 2023**
Great Florida Insurance | *440 Personal Lines Agent* **|** *Miami, FL*   **January 2022 – March 2023**

EDUCATION

App Academy \\ Full Stack Web Development

Completed 03/2025