

# Brian Rodriguez Martinez

## FULL STACK SOFTWARE ENGINEER

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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 | AWS

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

## PROJECT EXPERIENCE

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**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
- Engineered a dual-function searchbar with React and Redux that dynamically switches between anime and user search modes, implementing debounced API calls to Jikan API for anime results and efficient frontend filtering for user queries with typeahead functionality
- 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

## WORK EXPERIENCE

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**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

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**App Academy** \ Full Stack Web Development

**Completed 03/2025**