

# Brian Rodriguez Martinez

## FULL STACK SOFTWARE ENGINEER

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**Technical Skills:** JavaScript | Python | Flask | React | PostgreSQL | HTML5 | Git | CSS3 | Express | Sequelize | SQLite3 | AWS | HTTP | Docker | RESTful API's | OOP | Node.js | CI/CD

**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](#)

- Designed and implemented a dual-function search bar in React and Redux, facilitating efficient switching between anime and user searches. Integrated debounced API calls to the Jikan API, resulting in a 26% improvement in response time, and enhanced user experience with typeahead functionality.
- Created an anime search and watchlist application with Flask, SQLAlchemy, and React, utilizing the Jikan API for data retrieval and PostgreSQL for database management. Improved anime load times for users through efficient search capabilities and personalized watchlist features.
- Developed a follow/unfollow feature with Flask, SQLAlchemy, and React, enhancing database efficiency and enabling real-time user activity updates, resulting in a 35% increase in user engagement. Developed a follow/unfollow feature with Flask, SQLAlchemy, and React, enhancing database efficiency and enabling real-time user activity updates, resulting in a 30% increase in user engagement.

**CozyVibe** | 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 by 20% 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 by 30%.

## WORK EXPERIENCE

**T&E Roofing Inc.** | *Materials Coordinator/iRoof Expert/Customer Service Representative* | Miami, FL **October 2023 – July 2024**

- Successfully managed daily operational challenges by accurately measuring over roofs using mobile applications like iRoof and Google Earth, resulting in a 35% reduction in material waste and saving the company \$200,000+ in project costs.
- Provided customers with comprehensive information to help them make informed roofing decisions, leading to increased customer trust, conversions, and referrals.
- Managed large-scale projects for condo associations, preparing, overseeing, and executing optimal construction payment agreements to ensure smooth project completion.

**A&E Brothers Roofing** | *Customer Service Representative* | Miami, FL

**April 2023 – October 2023**

- Streamlined administrative processes by managing customer communications, accurately measuring roofs, and coordinating material procurement, resulting in a 20% increase in team productivity.
- Oversaw roofing contract documentation and maintained a 95% customer satisfaction rate by ensuring clear communication during the installation process.
- Leveraged critical thinking and communication skills to address and resolve over 200 customer complaints monthly, programming effective solutions and fostering strong cooperation between departments to enhance overall customer satisfaction.

**Great Florida Insurance** | *440 Personal Lines Agent* | Miami, FL

**January 2022 – March 2023**

- Managed a portfolio of over 500 insurance policies, ensuring precise maintenance and timely renewals, resulting in a 20% boost in client retention and new business growth.

- Conducted detailed risk assessments and generated competitive quotes from various insurance carriers, advising clients on coverage options that led to a 20% increase in client satisfaction and identified cost-saving opportunities that enhanced overall client value.
- Improved agency operations by implementing targeted communication strategies and personalized service, resulting in a 20% increase in client satisfaction and a 15% growth in referral-based business.

## EDUCATION

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**App Academy** \ Full Stack Web Development  
**High School** \ High School Diploma

**Completed 03/2025**  
**Completed 05/2019**