

Blaire deSouza

SOFTWARE ENGINEER



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WORK EXPERIENCE

Freelance Web Developer | Fort Lauderdale, FL

DECEMBER 2020 - PRESENT

- Developed and modified responsive HTML email and email templates that increased the website traffic.
- Created and maintained website, including content updates, account administration, and debugging.
- Collaborated with clients in the e-commerce and portfolio industries.

Full Stack Developer Intern | KGS Technology Group

APRIL 2020 - SEPTEMBER 2020 | REMOTE

- Developed user interfaces using HTML5, CSS3, and JavaScript.
- Created a responsive hotel management system using Java Spring Boot, Spring MVC, JSP, and JPA
- Involved in Hibernate mappings, relationships between tables, and entity classes to access and update information in the database.

Computer Science Tutor | FAU College of Engineering

AUGUST 2019 - DECEMBER 2019 | BOCA RATON, FLORIDA

- Provided private instruction to individuals or small groups to improve academic performance in courses for the major.
- Reviewed class materials with students by discussing the text, working on solutions to problems, and reviewing code.

PROJECTS

Splash Image Gallery

[github](#) | [demo](#)

- React web app that provides free stock images and videos.
- Used React router to define multiple routes and created a single-page web application.
- Used React hooks to fetch data from the Pixabay API.

Housed Real Estate

[github](#) | [demo](#)

- Real estate web application that searches properties in states.
- Used the Realty Mole Property API and the Google Street View API to generate dynamic data that is displayed.
- AWS Lambda functions used as API endpoints to ensure security by hiding keys from code and network.

TECH STACKS

Front End: HTML5, CSS3, JavaScript, ReactJS, TailwindCSS, Bootstrap4

Back End: Java

Database: MySQL

Tools: VS Code, Git, Bash, REST APIs, JSON, AWS, Adobe Xd, WordPress, npm, npx,

EDUCATION

Florida Atlantic University

B.S., Computer Science
Fall 2019 | Boca Raton, FL
GPA: 3.6

Course Work

- Data Structures
- Design and Analysis of Algorithms
- Java Programming
- Artificial Intelligence
- Python Programming
- Database Structures
- Principles of Software Engineering
- Computer Operating Systems