Juan Garcia

Software Engineer

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Portfolio: jpgarcm.com

Work Experience

Software Engineer Intern | Teidore   2023

Defense and Space Manufacturing   JavasScript | Python | React | Bootstrap | AWS | DynamoDB
- Designed and developed web pages utilizing JavaScript, React, and Bootstrap to enhance user experience.
- Developed software solutions using object-oriented programming languages and frameworks.
- Assisted with the design and implementation of software solutions.
- Collaborated with team members to ensure the timely and accurate completion of projects.
- Utilized Python and Node.js in the backend development to create a high-quality software product.

SOFTWARE ENGINEERING PROJECTS

Full-Stack | Twitter Clone   2022

Social media clone designed for learning purposes   JavaScript | Next.js | TailwindCSS | Firebase
- Developed a working cloned social media app, with its own domain.
- Utilized Google auth to authenticate every user wanting to sign in, comment like and post photos on the project.
- Organized post, comment likes and responses all to be saved on a Firebase database.
- Managed API news and followers get fetch in the widget section changing every 3 days.
- Attained 80% test coverage by using test-driven development(TDD) to implement a high quality application.
- **Domain:** twitterclone.jpgar.com

Full-Stack | Weather App   2022

Weather application for every city around the world   JavaScript | React | CSS | HTML
- Facilitated the search for the weather across cities around the world for both phone and web browsers.
- Utilized Axios to make API calls to the open weather map servers.
- Directed data and API endpoints to allow for seamless frontend integration to backend.
- Reduced total lines of code by about 100 by developing a reusable star React component.
- **Domain:** weather-rho-one.vercel.app.

Back-End | Snake Game   2022

Single page game   JavaScript | Node.js | HTML
- Designed a back-end game with multiplayer capabilities.
- Tracked user score throughout the application with higher-order components to reuse component logic.

TECHNICAL SKILLS

Programming Languages | Javascript, TypeScript, Python
Front End | React, Redux, Next.js, HTML5, CSS3
Back End | Node.js, Express, PostgreSQL, MongoDB,DynamoDB, MySQL, Firebase
Testing/Deployment | Jest, Mocha, React Testing Library
Other | Git, AWS, object-oriented programming

EDUCATION

Florida International University - Bachelor of science, Biology   2020
- GPA - 3.8/4.0

Key Courses: Data Structures, Algorithms, Web Developer Bootcamp, Databases & Web Programing   2022