Reece Nunez

Software Engineer

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Dynamic professional with a strong foundation in software development and a proven track record in project management and problem-solving. Transitioning from a successful career in refinery operations to software development, bringing a unique perspective and a keen ability to innovate and streamline processes. Proficient in Java, Python, and full-stack development with hands-on experience in building scalable web applications and leading cross-functional teams. Eager to contribute to a forward-thinking software engineering team.

PROJECTS

Full Stack Inventory Management System

I designed and implemented a Full Stack Inventory Management System utilizing Angular for the front end and Spring Boot for the backend, incorporating JWT and Spring Boot Security for authentication and authorization. The system features a dynamic search tool and inventory KPIs visualization, along with robust security measures to ensure data integrity. I developed functionalities for generating detailed product reports, managing user profiles, and performing comprehensive CRUD operations on products. Additionally, a client management feature was integrated to maintain accurate customer transaction records. This sophisticated software solution was engineered to streamline operations and significantly enhance the user experience.

U.S. State Web Development

I created a 4-page website that serves as a detailed guide to a U.S. state and its major cities. The website was designed using HTML5 and CSS, emphasizing key data like population and income through visually appealing and accessible presentations. I implemented user-friendly features such as alt-text for images and CSS-based layout optimizations to enhance the user experience. Additionally, I integrated an interactive user form to enable seamless hosting and full asset integration, making the website both informative and engaging for users.

Web-Based Spring Boot Application

I spearheaded the design and development of a Spring Framework application for a retail client, significantly revolutionizing their inventory management processes. Using IntelliJ IDEA and GitLab, I streamlined the development process and enhanced team collaboration. I engineered a custom HTML interface that supported dynamic inventory updates and enforced min-max thresholds, incorporating 'About' and 'Buy Now' functionalities for user interaction. Furthermore, I implemented rigorous unit testing and code validation to ensure the application's enterprise-grade reliability, successfully exceeding client expectations.

Interactive World Map Utilizing APIs

I created an interactive global atlas for a state government project, leveraging AngularJS and the World Bank API. This project involved transforming a static SVG map into a dynamic Angular component with MS Visual Studio Code, enabling the display of country-specific data through a single click. Furthermore, I integrated real-time API data into a dual-column layout, significantly improving scalability and user engagement while providing detailed information efficiently.

Android vacation Tracker Application

I developed an Android Vacation Tracker App to improve travel planning, featuring easy management of vacation details like hotel info and dates, integrated calendar alerts for vacation tracking, and a user-friendly interface for handling multiple vacations, including editing, sharing, and adding excursions. The app also enables managing excursions with alert options. This project showcased my skills in Android development, UI/UX design, and programming, delivering a functional and intuitive application.

WORK EXPERIENCES

Refinery Operator   Google | 2023 - Present

- Operated distributed control system console, ensuring the consistent production of over 50,000 barrels/day of on-spec refinery products, contributing to optimal operational efficiency.
- Utilized Bentley Systems to design and enhance operational workflows, resulting in a 15% improvement in process efficiency and reduced downtime.
- Implemented SAP software for work order management, streamlining operational tasks and improving turnaround time for maintenance activities by 20%.
- Leveraged PI System for real-time data analysis, optimizing refinery operations by identifying and rectifying inefficiencies, leading to a 10% reduction in energy consumption.
- Demonstrated proficiency in using programmable logic controllers and PID controllers to automate 30+ operational processes, enhancing system reliability and performance.

SKILLS

Technical

JavaScript	DBMS
Angular	Cloud Computing
React	CICD
Spring Boot	Full-Stack
Python	Android
HTML	Unit Testing
CSS	AGILE
TypeScript	SCRUM
GIT	Project Management
Node.JS	
MySQL	

Professional

Strong Technical Skills
Problem Solver
Team Player
Collaboration
Analytical Thinking
Attention to Detail
Adaptability to Change
Strong Leadership
Excellent Communication
Deadline-Driven

EDUCATION

BS | Software Engineering

Western Governors University

2022 - 2024

LANGUAGES

English (Native)

Spanish (Proficient)

HOBBIES

🚴 Any type of cycling

🌲 Anything outdoors

🤸 All types of sports

👪 Spending time with family