Reece Nunez

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About Me

As an accomplished Oil & Gas Refinement Engineer with a wealth of experience in mechanical process management, I'm looking to bring my proven work ethic and unique skill set to the tech world in a software engineering role. Fueled by learning new skills and taking on new challenges, I am excited to leverage my ambition, analytical skills, and focus on efficiency into a dynamic role in the software engineering space. Recognized for excelling in high-pressure situations, I am keen to contribute my project and process leadership and problem-solving skills to a progressive tech team.

Projects

U.S. State Web Development Project – Front-End Web Development Course

Engineered a dynamic 4 page website that serves as an in-depth guide to a U.S. state and its key cities. Curated compelling data points, from population to income levels, and wrapped them in a visually-stunning, user-friendly interface created with HTML5 and CSS. Optimized for accessibility with alt-text images, and enhanced user interaction with CSS float and positioning techniques. Added an intuitive user form for engagement, all seamlessly hosted with full asset integration.

Web-Based Spring Application – Java Frameworks Course

Architected a robust Spring Framework application to revolutionize inventory management for a specialized retail client, leveraging IntelliJ IDEA and GitLab for a streamlined development process. Customized a slick HTML UI, adding an intuitive 'About" page and a 'Buy Now' feature that dynamically adjusts product inventory. Injected advanced logic to enforce min-max inventory thresholds. Tied it all together with rigorous unit testing and meticulous code validation, ensuring a foolproof, enterprise-ready solution that not only meets but exceeds client specifications.

Interactive World Map Utilizing APIs – JavaScript Programming Course

Engineered an awe-inspiring, interactive global atlas for a state government initiative, utilizing Angular framework and cutting-edge APIs like Worldbank. Harnessed the power of MS Visual Studio Code to transform a static SVG world map into an intelligent Angular component, bringing each country to life with the click of a mouse. Synchronized real-time API calls to display a plethora of data for any selected country, all formatted in a sleek dual-column layout. This map is optimized for scalability, user engagement, and depth of information.

2017 & 2023 Turnaround – Fluidized Catalytic Cracker

Contributor in a high-stakes, 50,000 barrel per day fluidized catalytic cracker shutdown with an unblemished safety record, leveraging my proficiency in meticulous planning and risk mitigation. Collaborated with multiple foremen on hundreds of mechanical projects, serving as the central point of coordination to meet stringent quality, safety, and timeline benchmarks.

Skills

Java | Python | JavaScript | HTML | CSS | Spring | Angular | Typescript | Mysql | Postgresql | DBMS | UX

Certifications

Amazon Web Services – AWS Certified Cloud Practitioner

AXELOS Global Best Practices – ITIL Foundation Certification

CompTIA – CompTIA Project+

Experience

May 2016 - PRESENT

Phillips 66, Ponca City, OK – Oil & Gas Refinement Engineer

● Solely responsible for managing and overseeing intricate refining processes, I employ a data-driven approach to optimize yield, enhance process efficiency, and ensure rigorous compliance with safety and environmental standards.
● Acting as the primary point of contact, I proactively engage with external operators to collaboratively diagnose issues, and execute complex, scheduled operations, contributing to a streamlined and highly effective operational workflow.

Education

Dec 2022 - May 2024

Western Governors University, Salt Lake City, UT – Bachelor of Science, Software Engineering