Jerome Cala

(432) 755-6911   jeromecala93@gmail.com   linkedin.com/in/jerome_cala   jeromefolio.netlify.app

Summary

Software Engineer with 2.5+ years of experience building scalable backend services, CI/CD pipelines, and containerized systems. Experienced with Java, React, Docker, Kubernetes, and GitLab/Jenkins CI/CD in secure, production environments. Passionate about automation, reliability, and developer productivity. Active TS/SCI clearance.

Experience

L3Harris Technologies   **Greenville, TX**

Senior Associate Software Engineer   *July 2023 – Present*

- Designed and implemented RESTful APIs using Java and Spring Boot, improving system interoperability and reducing integration timelines by approximately 15%.
- Built and maintained CI/CD pipelines using GitLab CI/CD and Jenkins, automating build, test, and deployment workflows and reducing manual release effort by approximately 20%.
- Developed and deployed containerized applications using Docker to ensure consistency across development and production environments.
- Supported Kubernetes-based deployments, including container orchestration, environment configuration, and deployment validation.
- Automated infrastructure and configuration tasks using Ansible, including provisioning and managing Linux-based virtual machines.
- Remediated over 1,000 security vulnerabilities identified through static and dynamic scans, improving compliance and system stability.
- Participated in Agile ceremonies including sprint planning, stand-ups, and retrospectives to ensure timely delivery and cross-team alignment.

Projects

Public Transit Application: :Developed a backend service providing real-time transit tracking and scheduling through RESTful APIs. Integrated live data updates and optimized API performance for reliability and scalability.

Freelance Web Development Projects: Designed and delivered responsive websites using React, JavaScript, HTML, and CSS. Implemented bug fixes, content updates, and performance improvements while collaborating directly with clients.

Education

Texas Tech University   *August 2019 – May 2023*

Bachelor of Science, Computer Science   **GPA:3.89**

Relevant Coursework: Computer Systems, Machine Learning, Computer Graphics, Algorithms, Software Practice I & II, Database Systems, Computer Networks, Foundations of Data Analysis, Models of Computation, and Linear Algebra.

Skills

Languages: Java, JavaScript (ES6+), Ansible, Bash, HTML, CSS, C/C++, SQL, Python

Frameworks: Springboot, React, Node.js, Typescript.js, Vue.js

Software: Docker, Kubernets, GitLab CI/CD, Jenkins, Ansible, AWS

Build Tools: Git, Gradle, CMake, NPM, JIRA, Confluence