Joel Stanly

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Professional Summary

Full Stack Developer with over 3 years of experience building scalable web applications and RESTful services using Java (Core, Spring Boot), ReactJS, and Python. Skilled in Agile methodologies, DevOps practices, and cloud platforms like AWS.

Technical Skills

Languages: Java, Python, JavaScript, HTML, CSS
Frameworks & Libraries: Spring Boot, ReactJS, Django, REST APIs
Databases: PostgreSQL, MySQL, DB2, MongoDB
Tools & DevOps: Git, Jenkins, Docker, Power BI, AWS (Lambda, S3, RDS, IoT Core), Linux, JIRA, Azure DevOps

Work Experience

Software Engineer – Full Stack Development
Cognizant Technology Solutions   Oct 2021 – Present
   Client: Standard Chartered Bank

- Engineered 50+ backend features using Java (Core, EJB), improving performance by 30% across enterprise banking systems.

- Delivered 35+ production releases through Agile sprints and CI/CD pipelines using Jenkins and Git.

- Provided L2/L3 support across 10+ Java-based modules, maintaining high system availability (99.9% uptime).

- Participated in daily stand-ups, sprint reviews, and retrospectives in an Agile Scrum environment.

   Client: National Life Insurance

- Migrated legacy C# applications to Spring Boot microservices, increasing maintainability and deployment speed by 50%.

- Developed and deployed 15+ secure REST APIs using Spring Boot and PostgreSQL, enabling scalable backend services and efficient data handling.

- Set up CI/CD pipeline using Jenkins; enforced GitHub best practices, and passed 100% ARB compliance checks.

- Collaborated with QA to integrate streamlined testing into the deployment pipeline, reducing the number of bugs reaching production by 25% and improving overall software quality.

Projects

Air Quality Management System
Java, Spring Boot, ReactJS, AWS (IoT Core, Lambda, RDS, S3), SQL
Built a microservices-based real-time monitoring system for indoor air quality, configured a real-time alerting system, and visual dashboards. Used REST APIs, MQTT, and ReactJS for frontend integration. Hosted on AWS with end-to-end CI/CD.

ICC World Cup 2024 – Data Analytics & Visualization
Python, BeautifulSoup, Selenium, Pandas, Power BI
Designed a scraping pipeline to collect and process Cricket World Cup data. Created data dashboards in Power BI to visualize player/team statistics and insights.

Daily Quote Generator Bot
Python, OpenAI API, Unsplash API, Discord API
Created an AI-powered quote generator bot using OpenAI and Discord APIs. Automated daily content posting with aesthetic visuals from Unsplash.

Education

B.Tech in Information Technology
Panimalar Engineering College, Anna University   2017 – 2021
CGPA: 8.61 / 10