

# Joel Stanly

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## Professional Summary

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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.

## Work Experience

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### 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.

## Technical Skills

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**Languages:** Java, Python, JavaScript, HTML, CSS

**Frameworks & Libraries:** Spring Boot, ReactJS, REST APIs

**Databases:** PostgreSQL, MySQL, DB2, MongoDB

**Tools & DevOps:** Git, Jenkins, Docker, Power BI, AWS (Lambda, S3, RDS, IoT Core), Linux, JIRA, Azure DevOps

## Projects

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### 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

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### B.Tech in Information Technology

Panimalar Engineering College, Anna University  
CGPA: 8.61 / 10

2017 – 2021