

# Lorrell Winfield | Software Engineer | Java & Distributed Systems

Kansas City, MO

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GitHub: [Github.com/LorrellW](https://github.com/LorrellW)Portfolio: <https://portfolio-fawn-seven-99.vercel.app/>

## Summary

U.S. Air Force Special Operations Veteran and Computer Scientist specializing in Java development and cloud-scale distributed systems. Expert at leveraging AI-assisted engineering (Copilot, LLMs) to accelerate delivery cycles and optimize complex system architecture. Committed to mission success and technical excellence in enterprise platforms.

## Education

### University of Missouri-Kansas City

Bachelor of Science in Computer Science

Kansas City, MO

2021–2025

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming (Java), Operating Systems, Database Management Systems, Cloud Computing, Linear Algebra, Calculus II

## Technical Skills

**Languages:** Java (**Proficient**), JavaScript, TypeScript, Python, SQL, Kotlin, C++, HTML5, CSS3

**AI Productivity:** AI-Assisted Development (LLMs, GitHub Copilot), Prompt Engineering, Unit Test Generation

**Cloud & Data:** AWS, Oracle Cloud Infrastructure (OCI) exposure, PostgreSQL, Firebase, REST APIs Architecture, Microservices, Object-Oriented Design (OOD), Multithreading, CI/CD Pipelines

**Tools:** Docker, Kubernetes, Git, NPM, Maven, Gradle, Linux/Unix Shell, VS code, IntelliJ, Eclipse

## Software Engineering Experience

### Queue Dating App

Junior Software Developer

Austin, TX

May 2024–Jan 2025

- Developed scalable components in a distributed environment, utilizing AI-assisted coding to reduce feature development time by 25% while maintaining high architectural standards.
- Implemented real-time communication logic using Object-Oriented Design and React Context API.
- Collaborated across CI/CD pipelines to test and deploy code in a high-velocity agile environment.

### Blue Symphony

Junior Front-end Developer

Kansas City, MO

May 2023–Sep 2023

- Developed and debugged enterprise-facing web applications using Java and JavaScript.
- Leveraged AI for root cause analysis and legacy code refactoring, accelerating UI/UX bottleneck resolution.
- Participated in peer code reviews, focusing on thread safety, maintainability, and code quality.

## Selected Projects (Java & Analytics)

### Java & Multithreading

Patient Data Analytics Platform

2024

- Engineered a Java-based backend for processing healthcare datasets using robust Object-Oriented Design.
- Integrated AI tools to generate JUnit test suites, ensuring 90% code coverage for ingestion logic.

### Cloud Computing

Microservices Architecture

2024

- Deployed a containerized application using Docker and Kubernetes to simulate cloud-native systems.
- Built RESTful Web Services for low-latency communication between distributed components.

## Leadership & Operational Excellence

### United States Air Force

Special Operations (CCT)

Lakewood, WA

2013–2019

- Led high-stakes missions requiring the resolution of sophisticated problems and technical troubleshooting.
- Awarded for 100% accuracy in complex technical execution and air traffic coordination under extreme pressure.
- Provided expert advisory support to defense attachés at U.S embassies worldwide.