

Lorrell Winfield | Software Engineer | Java & Distributed Systems

Kansas City, MO

Phone: 816.304.5386
Email: LorrellWinfieldii@gmail.com
LinkedIn: [Linkedin.com/in/lorrell-winfield-lw000/](https://www.linkedin.com/in/lorrell-winfield-lw000/)
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 **Kansas City, MO**
Bachelor of Science in Computer Science **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 **Austin, TX**
Junior Software Developer **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 **Kansas City, MO**
Junior Front-end Developer **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 **Lakewood, WA**
Special Operations (CCT) **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.