Harsh Vora

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PROFESSIONAL SUMMARY

Collaborative Software Engineer with 4+ years of experience building scalable, AI-integrated, reactive, and event-driven cloud applications. Recognized for delivering clean, reusable, and production-grade solutions using Java 17, Spring Boot, and React. Passionate about clean architecture, intelligent automation, and leveraging AI to enhance decision-making, user experience, and workflow efficiency.

SKILLS

Languages & Frameworks: Java, J2EE, Spring Boot, Python, JavaScript, TypeScript, React, Node.js, Web Flux, HTML, CSS.
Workflow & Messaging: Netflix Conductor, RabbitMQ, REST APIs, Microservices Architecture.
DevOps & Tools: Docker, Kubernetes, Maven, Jenkins, AWS, Azure, Terraform, Git, Swagger, IntelliJ, Visual Studio.
Databases & Testing: PostgreSQL, MongoDB, Redis, MySQL, JUnit, SonarQube, Playwright, Jest, Serenity, Cucumber.
Practices: Agile/Scrum, CI/CD, Event-Driven Architecture, Behavior Driven Development, Clean Code Principles.

EXPERIENCE

GE Healthcare   **June 2024 – November 2025**
Software Engineer   **Chicago, IL**
- Built high-quality, reusable, and scalable backend systems using Java 17, Spring Boot, and AWS, improving data pipeline efficiency by 40 percent through AI-assisted automation and performance optimization.
- Developed intelligent event-driven systems and server-sent event frameworks that doubled throughput.
- Reduced data-fetch latency by approximately 65 percent using reactive parallelization and dynamic pagination.
- Developed responsive React + TypeScript UI integrations aligned with REST and GraphQL APIs for seamless user experiences.
- Partnered with DevOps and architecture teams to standardize CI/CD workflows and automate deployments, reducing release issues by 30 percent.
- Researched, planned, and designed scalable backend solution ensuring high-quality, reliable software delivery.

GE Healthcare   **October 2021 - June 2024**
Software Engineer Specialist   **Chicago, IL**
- Applied SDLC, Agile/XP, and Lean methodologies to build front-end and back-end components with technologies such as JavaScript, TypeScript, Spring, and REST APIs.
- Refactored legacy modules into reusable, service-based components and collaborated on integrating analytics workflows powered by AI insights.
- Strengthened test coverage with Junit, Jest, Playwright, Serenity, Cucumber, reducing release defects by 25%.
- Deployed services with Docker and Kubernetes, improving flexibility and reducing environment issues by 30 percent.
- Championed best practices in secure coding, version control (Git), and collaboration, fostering a high-quality engineering culture.

SQUADDD   **July 2021 - October 2021**
Software Developer Intern – MERN STACK   **Chicago, IL**
- Developed RESTful APIs and middleware using Express.js, Passport.js, JWT & MongoDB Atlas cutting integration effort by 20%.
- Built a secure authentication and session system for 1000+ active users with role-based access control.
- Improved development efficiency by 20% through modular design and streamlined workflows.
- Collaborated with the front-end teams to design cohesive data models and enhance user experience.

EDUCATION

Illinois Institute of Technology   **August 2019 - May 2021**
Master of Computer Science   **Chicago, IL**
Mumbai University   **August 2015 - May 2019**
Bachelor of Engineering in Computer Engineering   **Mumbai, India**

ACADEMIC PROJECTS

Search Engine Based on Semantic Web | (PUBLICATION)   **January 2019 - March 2019**
Java Software Engineer   **Mumbai, India**
- Designed a movie search engine that analyzes user query-semantics to return precise results.
- Built an interactive web interface using JSP, HTML, CSS and JavaScript for seamless user experience.
- Developed an NLP algorithm leveraging Microsoft LUIS API for intent recognition and entity extraction.

CERTIFICATIONS

Oracle Certified Professional Java Programmer
Certified Android Programmer By KITE