

AKARSH NAVEEN CHANDRA

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Summary

Software Engineer with 6+ years of experience developing **Java-based, microservices-driven enterprise applications** in the **healthcare domain**. Strong background in **distributed systems, cloud-native development, REST APIs, and SQL-based data stores**. Proven hands-on expertise in **application security (Fortify, OWASP)**, legacy system modernization, and regulatory-compliant software delivery. Currently working at **Oracle** on **clinical reporting systems**, contributing to **high-throughput microservices** on **OCI**, while actively supporting team execution, mentoring peers, and delivering reliable production-grade services.

Experience

Oracle

Sept 2024 - Present

Member of Technical Staff (SDE-2)

Bengaluru (Remote)

- Working as a backend engineer on **enterprise healthcare applications** within the Clinical Reporting and Output Management.
- Designed and developed **mro-gen-service**, a **Java Micronaut microservice** for medical record output generation using **Kafka, SQL, Elasticsearch, Vector DB, and OCI infrastructure**.
- Implemented REST APIs, asynchronous processing, and event-driven workflows to support **high-volume clinical data processing**.
- Contributed to modernization of legacy Cerner systems by supporting **microservices migration**, reducing third-party dependencies and improving system maintainability.
- Participated in system design discussions covering data flow, service boundaries, scalability, and failure handling for clinical reporting microservices.
- Supported team execution by onboarding new engineers, conducting code reviews, and providing technical guidance during sprint development, contributing to **80% sprint story completion**.
- Supported production systems by debugging live issues, analyzing logs, and collaborating with support teams to ensure system stability.
- Maintained strong delivery consistency with **95% on-time story completion** and minimal sprint rollover.

Oracle

Oct 2023 – Aug 2024

Software Developer

Bengaluru (Remote)

- Transitioned into Oracle clinical reporting systems post-acquisition, building expertise in **healthcare compliance, regulatory requirements, and secure data handling**.
- Delivered **4+ compliance-focused enhancements** across reporting services, reducing compliance-related defects by **70%**.
- Developed and enhanced backend features using **Java, SQL, and REST APIs** for enterprise-scale reporting platforms.
- Wrote and maintained unit and integration tests, supporting regression testing and stable production releases.
- Collaborated with distributed engineering teams across India and the US to ensure alignment on requirements, implementation, and release timelines.
- Consistently recognized for reliable execution, fast ramp-up, and strong ownership of assigned modules.

Cerner Corporation

Sept 2021 – Aug 2023

Software Engineer-2

Bengaluru

- Developed and enhanced **Java-based enterprise healthcare applications** used by large clinical organizations.
- Owned feature development for **Downtime Viewer and Admin Tool** applications, improving usability by **30%** while maintaining **100% regulatory compliance**.

- Implemented security, performance, and scalability improvements across supported services.
- Worked closely with product managers and QA engineers to deliver **production-ready releases** on schedule.

Cerner Corporation

July 2019 – Aug 2021

Software Engineer-1

Bengaluru

- Contributed to development and maintenance of **Java-based backend services** for enterprise applications.
- Resolved **300+ Fortify and OWASP vulnerabilities**, improving application security posture by **75%**.
- Participated in code reviews, defect fixes, and release support to ensure stable production deployments.

Technical Skills

Languages: Java, C++, C#, C

Backend Development: Java Microservices, REST APIs, Micronaut, Distributed Systems

Cloud & DevOps: Oracle Cloud Infrastructure (OCI), Jenkins, CI/CD

Databases & Search: MySQL, SQL, Elasticsearch

Messaging & Streaming: Kafka

Security: Fortify, OWASP, Secure Coding Practices

Tools: Git, GitHub, IntelliJ, VS Code, Postman, SQL Workbench

Practices: System Design, Code Reviews, Unit Testing, Refactoring, Technical Documentation

Certifications

- Oracle Cloud Infrastructure 2025 Certified Developer Professional
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate

Education

Manipal Institute of Technology (MAHE)

July 2017 – May 2019

Master of Computer Application

CGPA: 7.90/10

SDM College of Business Management (Mangalore University)

June 2014 – April 2017

Bachelor of Computer Applications

85.06%