

# CHANDAN D S

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## SUMMARY

**Senior Java Developer** with **4+ years of experience** in building **scalable, secure, and high-performance enterprise applications**. Skilled in **Core Java, Multithreading, Concurrency, OOPs, Design Patterns, Spring Boot, Microservices, and Spring Cloud**. Hands-on expertise with **Docker, Kubernetes, AWS, and CI/CD (Jenkins)** for delivering cloud-ready solutions. Experienced in **telecom and healthcare domains**, improving system performance, automating workflows, and ensuring high availability of distributed systems.

## CORE SKILLS

**Backend:** Java 8–17, Core Java, Multithreading, Collections, Spring Boot, Hibernate JPA, Microservices, Spring Cloud (Eureka, Config Server, API Gateway), REST APIs, Design Patterns, OOPs/SOLID Principles  
**Cloud & DevOps:** AWS, Docker, Kubernetes, Jenkins, Git/GitHub, GitLab, Kafka, CI/CD  
**Database & Performance:** MySQL, SQL Optimization, MongoDB, Redis (Caching), JDBC, Spring Security, JWT  
**Testing & Quality:** JUnit, Mockito, Cucumber (BDD), Postman, Agile Scrum, SonarQube  
**Other:** JSP, HTML, CSS, Linux, Shell Scripting, System Design (HLD/LLD), Scalability & High Availability

## WORK EXPERIENCE

### Senior Java Developer – GE Healthcare

**Aug 2024 – Present** | Project: *iScreening – Medical Imaging Solution*

- Designed and developed **scalable microservices** with Spring Boot, Spring Cloud, Docker, and Kubernetes, improving deployment reliability and system scalability.
- Integrated **CAD-based medical imaging solution** into Edison HealthLink, streamlining mammography screening workflows and enhancing diagnostic accuracy.
- Applied **multithreading and concurrency** for faster image processing and high-performance computations.
- Implemented **BDD testing with Cucumber & Mockito**, reducing production defects and improving clinical workflow validation.
- Contributed to **system design discussions (HLD/LLD)** for distributed healthcare platforms, ensuring security, scalability, and high availability.

### Software Engineer – 6D Technologies

**Jun 2021 – Aug 2024** | Project: *Vodafone Idea Limited (VIL)*

- Built and optimized backend services using **Spring Boot, Hibernate, REST APIs, MySQL**, supporting **10M+ telecom subscribers**.
- Enhanced performance with **SQL query tuning and Redis caching**, reducing response times for critical APIs.
- Strengthened API security using **Spring Security & JWT**, ensuring compliance with telecom-grade security standards.
- Implemented **CI/CD pipelines with Jenkins**, automating build and deployment across multiple environments.
- Collaborated in a **10-member Agile Scrum team**, delivering reliable, high-quality releases within sprint timelines.

## EDUCATION

### B.E. – Computer Science Engineering

Visvesvaraya Technological University (VTU) – **GPA: 8.4**