# Dakshineshwar D S

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## SUMMARY

Full Stack Software Engineer with 3+ years of experience, a strong Java back-end focus, and proficiency in Angular front-end. Skilled in building scalable distributed systems and applications in Agile environments, translating requirements into efficient code, and leveraging continuous integration and modern technologies to deliver robust solutions.

## Technical Skills

**Programming Languages:** Java, Python, SQL

**Frameworks & Technologies:** Spring Boot, Spring Framework, Spring MVC, Spring Core, REST API, Angular, Microservices Architecture, RESTful Web Services, Hibernate, Junit, Mockito.

**Database Technologies & Data Handling:** MySQL, PostgreSQL, MS SQL, Data Structures and Algorithms

**Version Control & DevOps:** Git & GitHub, Jenkins, CI/CD, Docker, Agile Methodology, J-Frog, AWS.

**Tools & Platforms:** IntelliJ Idea, Maven, Rest API Design, Postman, GitHub Copilot, cursor, Gen AI, Jira, Kafka & ActiveMQ, Splunk/Grafana

**Methodologies:** Agile Scrum, Automated Testing (BDD) & Unit Testing (TDD), Continuous Integration.

**Soft Skills:** Team Leadership, Mentorship, Problem-Solving, Communication.

## Experience

**Cognizant Technology Solutions Pvt. Ltd., Bangalore, India**
**Associate |** Apr 2025 – Present

- Improved **application reliability by ~30%** by resolving **heap memory leaks, JVM performance bottlenecks**, and **50+ production defects** in the Cat MineStar system, reducing recurring incident reports.
- Leveraged **GenAI-assisted tools** to accelerate **root-cause analysis, code refactoring, and technical documentation**, helping reduce average debugging time by **20–25%** while maintaining code quality standards.

**Programmer Analyst** | Sep 2023 – Apr 2025

- Developed and maintained backend services while building **responsive user interfaces using Angular**, ensuring smooth integration between UI and service layers.
- Resolved **60+ functional and integration defects**, improving **system stability, response time, and user experience**, while contributing to a **~25% reduction in post-release issues**.

**Programmer Analyst Trainee** | Sep 2022 – Sep 2023

- Worked as an onsite engineer at **Caterpillar** on **Cat MineStar Solutions**, contributing to one of the industry's most comprehensive mine operations platforms used across **multiple production environments.**
- Reduced **security vulnerabilities by ~60%** through proactive identification and remediation of issues in Java-based services; actively participated in **Agile Scrum ceremonies**, supporting consistent on-time sprint deliveries.

## Projects

**Minestar**

- Worked on Cat MineStar Solutions product, a Caterpillar mining operations system, focusing on **migrating a monolithic Java (J2EE) application to microservices architecture**, improving scalability and reducing deployment time by **50%. Developed an Angular front-end to enhance user experience** and operational efficiency.

- Leveraged **AI-powered development** tools to accelerate **code generation and refactoring**. Led migration from **Spring Boot 2 to 3**, improving startup time and modularity. Improved application security by **resolving vulnerabilities, reducing risks by 60%.**

- Used observability tools **(Splunk and Grafana)** to monitor logs, metrics, and application health.

 - Collaborated in an **Agile Scrum team**, performing **code reviews and fixing 40+ bugs** to enhance system stability and performance. Got chance to collaborate in cross functional product integration as well.

**Tools Used:** Java, Core Java, Spring Boot, Microservices, Rest Api's & Angular.

## Education

**Sri Ramakrishna Institute of Technology**, **B.E** in Computer Science
Engineering                                                                                                    Aug 2018-Jul 2022

- GPA: 7.8/10.0

**Ponnu Matriculation Higher Secondary School**

Major in Science and Mathematics Cumulative                                          Jul 2016 - Jul 2018

- GPA: 8.0/10.0

## Certifications

• Certified **in Spring Frameworks** and **Generative AI by UDEMY.**

• Certified in **Java (Basic), SQL (Basic)** by **Hacker Rank.**

## Achievements

• **Received Best Team Player award by Caterpillar Inc. in** 3 rd quarter of 2023 and 4th quarter of 2024 and 1st quarter of 2025, for collaborative with a team and successfully completed the working item on time.

• **Received Best Employee of the year award by Cognizant.** in the end of 2023, acknowledging outstanding contributions and exceptional performance.