

SHARAN MADHAVAN DADIGELA

Assistant System Engineer at Tata Consultancy Services

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🐙 GitHub: <https://github.com/SharanMadhavan/> | 🌐 Portfolio: sharanportfolio.com

OBJECTIVE

Java Full Stack Developer with 1.5 years of experience in building scalable backend systems and responsive frontends. Skilled in Spring Boot, REST APIs, MySQL, and React. Seeking a challenging product-based role to grow technical depth and contribute to innovative solutions.

SKILLS

Programming: Java, J2EE, Python, SQL
Backend: Spring Boot, Hibernate, REST APIs, Microservices
Frontend: React.js, JSP, HTML, CSS, JS, Bootstrap, jQuery
Tools: Git, GitHub, Postman, Eclipse, STS
Other: REST APIs, Accessibility (WCAG), Agile (JIRA)

EXPERIENCE

Citizen Account Services (Scotland Government) | Java Full Stack Developer

Jan 2024 – Feb 2025 | TCS (Client: Scottish Government)

- Developed and maintained backend modules using Java and Spring Boot for secure citizen account management.
- Built and secured REST APIs using Spring Boot for citizen identity & entitlement systems.
- Automated data retention using scheduled jobs; improved performance of MySQL queries by 30%.
- Designed and optimized MySQL queries for data retrieval and transactional consistency.
- Collaborated with team during daily stand-ups, sprint planning and retrospectives, using JIRA boards for sprint tracking.
- Resolved bugs and optimized existing code to improve system performance and reliability.
- Ensured WCAG 2.1 compliance by fixing accessibility issues in JSP pages.
- Worked closely with the QA team to validate functionality and ensure government compliance.
- Handling Addressed bugs and feedback received from UAT users, making iterative changes before production release.

Aprimo DAM – Digital Asset Management for Food & Snacking | Java Full Stack Developer

March 2025 – Present | TCS (Client: Aprimo)

- Created and managed user groups within Aprimo DAM, tailored for the food and snacking sector.
- Assigned appropriate permissions to user groups, ensuring secure and efficient access to digital assets.
- Wrote unit tests and maintained quality code, ensuring 98% coverage.
- Worked with AI-powered smart tags for automating the categorization and tagging of digital assets, improving searchability and retrieval efficiency.

ACHIEVEMENTS

- Achieved 98% unit test coverage using JUnit for 15+ REST APIs, resulting in zero post-release defects.
- Refactored SQL queries to reduce average query time by 20%, improving overall application responsiveness.

EDUCATION

Rajiv Gandhi University of Knowledge Technologies (RGUKT), Basar | 2019- 2023
Bachelor of Technology in Mechanical Engineering | CGPA: 7.6