MADHU SUDHAN G

Junior Software Engineer **Bangalore, Karnataka, India** smmadhu091@gmail.com **+91 88617 81869** linkedin.com/in/madhu-sudhan27-g

SUMMARY:
Software Engineer with 2 years of experience in software testing, API validation, and backend development exposure. Skilled in Java, SQL, and Agile practices, with experience in system integration testing, debugging, and AEM-based web applications. Collaborative team player focused on delivering high-quality software solutions.

TECHNICAL SKILLS

- **Testing Methodologies:** Manual Testing, End-to-End Workflows, System Integration Testing (SIT), Regression, Smoke, Sanity, UAT, Defect Management, Cross-browser & Device Testing.
- **Tools & Platforms:** Postman, JIRA, BrowserStack, Git, Jarvis.
- **Technologies & Languages:** Java, OOPs, HTML & CSS, JavaScript, Adobe Experience Manager (AEM), Selenium (Basic Automation).
- **Databases:** MySQL, DBMS.
- **Practices & Soft Skills:** Agile Methodology, Level 1 Support, Clear Test Case Design, Technical Documentation, Customer-Facing Communication, Bug Resolution.

PROFESSIONAL EXPERIENCE

Tech Mahindra Ltd. | Junior Software Engineer | April 2024 – Present Project: Optus Migration (AEM-based)

- End-to-End Workflow Testing: Executed testing cycles (SIT, Sanity, Scrum, Smoke, UAT, BRT and Device testing) to validate complex browser-based workflows and system integrations across mobile and web platforms.
- Test Case Design & Execution: Reviewed functional requirements to design and execute 75+ clear, structured test cases, ensuring 95% defect-free releases.
- API & System Integrations: Validated REST APIs using Postman, ensuring correct request/response behavior, data integrity, and seamless communication between integrated systems.
- Defect Management: Identified, documented, and tracked bugs using JIRA with precise reproduction details, prioritizing by severity to support regression testing before go-live.
- Stakeholder & Level 1 Support: Maintained clear technical documentation and collaborated closely with developers and business analysts, providing testing support and resolving 15+ bugs per sprint (improving release stability by 30%).

PROJECTS

- **Bank Management System:** Developed a scalable banking system with Java, Spring Boot, and MySQL. Designed RESTful APIs and optimized database queries to support backend workflows.
- **Edu Grocery Web Application:** Built a multi-tier application using Angular and Spring Boot. Enabled CRUD operations and device synchronization via API integration, implementing robust authentication features.

ACHIEVEMENTS & AWARDS

- **Pat on the Back Award (March 2026):** Awarded for exceptional performance, dedication to quality, and effective collaboration during critical project testing phases.
- **Innovator of the Month (January 2026):** Recognized for outstanding contributions, technical ownership, and continuous quality improvement within the delivery practice.
- **Pat on the Back Award (November 2025):** Awarded for exceptional performance, dedication to quality, and effective collaboration during critical project testing phases.
- **Capgemini Java Full Stack Scholarship (2023):** Awarded comprehensive training scholarship for demonstrating strong technical aptitude.

CERTIFICATIONS

- The Adobe Experience Manager (AEM) DevOps Engineer Expert (2026)
- AI White and Bule Belt from Tech Mahindra (2025)
- Microsoft Certified: Azure AI Engineer Associate (2025)
- Amazon Web Services Cloud Practitioner (2025)
- Adobe Experience Manager Sites I & II – Adobe (2024)

EDUCATION

- Bachelor in Computer Applications (BCA) | St. Francis College, Bengaluru | 7.91 CGPA | 2023
- 12th Grade | Christ Junior College, Bengaluru | 74.83% | 2020
- 10th Grade | Holy Mariam Convent, Bengaluru | 70.72% | 2018