Sai Kumar Mundru

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WORK EXPERIENCE

Accenture   **Pune, Maharashtra**
Software Development Engineer in Testing (SDET)   *Feb 2024 – Present*

- Spearhead QA automation for Barclays, accelerated release velocity by enabling bi-weekly deployments as measured by a 50% reduction in regression cycle time, by designing a reusable Selenium + Java framework and automated 200+ regression cases with REST Assured for API coverage.
- Engineered end to end SWIFT transaction validation and SQL reconciliation suites, strengthening compliance and reducing transaction errors ~35%, by automating E2E flows, API tests, and DB assertions.
- Automated CI/CD pipelines in Jenkins, increasing defect detection rate by 30% and shortening test feedback loops, by integrating automated test runs, artifact promotion, and failure-alerting into build pipelines.
- Orchestrated operational improvements that cut manual production effort ~45% (est.) by implementing downstream job automation and runbook handoffs with the operations team.
- Lead BRS2 requirement sessions, delivered demos to Product Owners, and performed root-cause analysis for defects, reduced rework and recurring incidents ~25–40% through targeted fixes and design updates.
- Mentored new joiners and transfer knowledge via KT sessions and live demos, improving ramp-up time for new QA hires and increasing cross-team test ownership; contribute to defect fixes and collaborated in Agile ceremonies to boost sprint delivery predictability.

SKILLS & INTERESTS

Automation & Testing: Selenium WebDriver, TestNG, JUnit, REST Assured, Postman, JMeter, Functional Testing, Regression Testing, API Testing, Manual Testing
Programming & Scripting: Java (primary), Python, C, JDBC
DevOps & CI/CD: Jenkins, Git, GitHub, Git workflows, CI pipeline integration, Docker (familiar)
Databases & Validation: SQL (Oracle, MySQL), Database validation, SQL queries, Data reconciliation
Messaging & Financial Systems: IBM MQ, Global PayPlus (GPP), SWIFT payments, E2E transaction validation
Cloud & ML: Google Cloud ML (Certified), Microsoft Azure AI (Fundamentals), AWS (ML concepts)
Web & Tools: HTML, CSS, JavaScript, Browser automation tooling
Process & Methodologies: Agile / Scrum, sprint ceremonies, story points, test coverage, defect lifecycle (JIRA)
Quality Practices: Test framework design, reusable automation frameworks, CI-driven test orchestration, RCA

CERTIFICATIONS

Google Cloud Certified – Professional Machine Learning Engineer — Deployed scalable ML models
Microsoft GitHub Copilot Certified — AI-assisted software development and productivity optimization.
Microsoft Azure AI Essentials Professional Certificate — AI-driven innovation, and prompt engineering
Beginner's Guide – SWIFT Message Types (MT & MX ISO 20022) — payment flows, and ISO 20022 transformation frameworks.
AWS Machine Learning Plan — end-to-end ML workflow using SageMaker.
Microsoft Certified – Azure AI Fundamentals (AI-900) — AI, ML, and cognitive services on Azure.

ACHIEVEMENTS

- **Barclays CORE — Star of the Month** *(Barclays Star of the Month — May 2025)* — Awarded Barclays Star of the Month for outstanding performance and significant contribution to delivery excellence.
- **AGBG Global Certs Program FY25 — Embracing Shared Success** *(2025)* — Recognized for completing Google Cloud certification and supporting Accenture's Google Cloud practice.
- **myCompetency Recognition Program — Multi-skilled Champion (FY25)** *(2025)* — Honored as a Multi-skilled Champion for breadth and depth in skills that create 360° client value.
- **Barclays Accolades** *(2025)* — Recognized for scaled contributions in payments/GPP, performing defect testing and RCA, proposing failure-reason capture enhancements, and delivering demos with positive Product Owner feedback.
- **Cloud First** *(2025)* — Commended by Cloud First for contributions to client value and cloud transformation.
- **Buddy Program — Custom Program Team Award** *(2024)* — Appreciated for partnership in advancing entry-level talent priorities through the Buddy Program.

EDUCATION

SR Engineering College   **Warangal, Telangana**
B. Tech in Electronics and Communication Engineering | Spec in AI & Machine Learning