AMIT SANGWAN

Test Lead | SDET | APPLICATION SECURITY

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PROFESSIONAL SUMMARY

Accomplished Test Lead with **8+** years of experience in quality assurance, agile QA, and DevOps collaboration.
Drove end-to-end testing for Mettl's platform, delivering 100+ releases from the startup phase to its integration with Mercer - MNC. Consistently top-rated for 5 years, leading test automation and CI/CD initiatives, while strengthening Secure SDLC and application security practices.

EXPERIENCE

Mercer Mettl
Test Lead

Gurugram
2018 - Present

Leading Test and QA initiatives for the company

- Led QA strategy across 100 Agile releases with risk-based test planning, boosting release velocity.
- Built modular UI/API automation frameworks in Java, Selenium, and Rest Assured, increasing test coverage from 45% to 85%.
- Automated 200 REST APIs and integrated tests with CI/CD Jenkins, reducing regression cycle time by 60%.
- Collaborated with DevOps to embed tests into pipelines, improving deployment success rate by 40%.
- Integrated security tools SAST, Software Bill of Materials, SBOM, secret scans into CI/CD, reducing hardcoded secrets and vulnerabilities by 50%.
- Partnered with Product, Dev, and Design teams to ensure stable, on-time releases, raising production stability by 90%.
- Mentored 10 QA engineers, increasing team-wide automation throughput by 50%.

Indium Software | Client: Zynga
Quality Engineer

Bengaluru
2017 - 2018

Working on quality assurance for mobile gaming applications

- Enabled GDPR readiness for 15 mobile games, Android, iOS, and Kindle by validating gameplay, secure in-app purchases, and reducing data privacy defect leakage by 30%.
- Led test planning and triage with India & U.S. teams, accelerating go-to-market timelines by 20% for gameplay, analytics, and payments through real-device testing.

SKILLS

- **Agile & Leadership:** Agile Scrum, Sprint Planning, RCA, Retrospectives, Mentoring, Cross-Team Collaboration.
- **Testing & QA:** Test Planning, End-to-End Software Testing, Mobile Application Testing, API Automation, Web Automation, and Security Testing.
- **Automation Testing:** Selenium WebDriver (Java), TestNG, JUnit, Rest Assured, Hybrid Frameworks.
- **Security Testing:** OWASP, ASVS, Burp Suite, Snyk, Secure Coding, XSS/Input Validation, SAST, DAST.
- **DevOps & CI/CD:** Jenkins, Git, Maven, Linux, CI Pipelines.
- **Cloud & Infra:** AWS (EC2, S3, Secrets Manager, Load Balancers, IAM Basics), Microservices.
- **Performance Testing:** Apache JMeter.
- **Tools & Utilities:** IntelliJ, Postman, Jira, BrowserStack, Charles Proxy, Fiddler, Snyk Code, Ggshield, GitHub Copilot (Mercer Licensed).

CERTIFICATES

- **Product Management Program** – Indian School of Business (2023)
- **Google Analytics IQ** – Google (2023)
- **Application Security** – Mercer Internal Training (2024)
- **Prompt Engineering** – Mercer Internal Training (2025)

EDUCATION

B.Tech – Electronics and Communication Engineering
Maharshi Dayanand University, MDU