

KONAPALLI SIVA KUMAR

Technical Team Lead | Agile Scrum Master | Payment Gateway Analyst

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ASM Certificate Code: 4920054

Professional Summary

Results-driven **Payment Gateway Analyst** and **Technical Team Lead** with **9+ years of experience** in software testing and quality assurance across **cards and payment systems**. Specialized in **functional and integration testing** of **ATM, POS, IMPS, UPI, EMV and CBDC payment channels**. Proficient in **test case design, automation, API testing, ISO 8583 message validation, and switch testing**. Experienced in **leading QA teams, managing stakeholders, and implementing CBDC and UPI payment platforms**. Seeking to leverage extensive domain expertise in delivering **secure, compliant, and high-quality financial solutions**.

Career Highlights

- Successfully led cross-functional QA teams in multiple **UPI and payment gateway projects**, ensuring on-time delivery.
 - Directed **testing and implementation of the Central Bank Digital Currency (CBDC) platform** with complete security and compliance.
 - Managed **stakeholder and client relationships**, aligning business requirements with technical test strategies.
 - Delivered multiple critical releases, supporting **production deployment, defect triage, and post-implementation validation**.
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Key Skills & Specializations

- **Leadership & Management:** Team Leadership, Agile Scrum Master, Stakeholder & Client Management
 - **Domain Expertise:** Cards & Payments, ATM/POS/IMPS/UPI/CBDC Systems, ISO 8583, Reconciliation Systems
 - **Testing Tools:** JIRA, C-Flow, Postman, SoapUI, Cypress
 - **Simulators:** UPI-LENZ, FINSIM, ATM, BOSS, FRM
 - **Testing Techniques:** Functional, Regression, Sanity, Smoke, and Negative Testing
 - **Databases:** Oracle, MS-SQL, PostgreSQL
 - **Operating Systems:** Windows, Linux
 - **Soft Skills:** Analytical Thinking, Communication, Problem Solving, Team Collaboration
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Professional Experience

Team Lead – Sarvatra Technologies Pvt. Ltd. | *May 2024 – Present*

- Lead cross-functional QA teams through end-to-end testing cycles for multiple **payment gateway and UPI projects**.
 - Managed **stakeholder and client communications**, converting business requirements into test strategies and actionable deliverables.
 - Oversaw **testing and implementation of the CBDC (Central Bank Digital Currency) platform**, ensuring compliance and security.
 - Collaborated with business analysts, developers, and external vendors for **production deployment, defect triage**, and validation.
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Technical Lead – Wipro Technologies | *Feb 2022 – May 2024*

- Directed technical teams and managed testing for **banking and financial applications**.
 - Coordinated with cross-functional teams to ensure **quality, performance, and timely delivery**.
 - Provided **mentoring and technical guidance** to QA engineers.
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Senior Test Engineer – Attra Infotech Pvt. Ltd. | *Sep 2021 – Feb 2022*

- Conducted **functional and integration testing** for client payment systems.
 - Participated in **requirement analysis, test case design, and execution**.
 - Reported and tracked defects, ensuring end-to-end quality assurance.
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Assistant Manager / Senior Associate – NPCI, Hyderabad | *Jul 2017 – Sep 2021*

- Played a key role in **software testing and quality assurance** for **cards and payment systems** (IMPS & UPI).
 - Coordinated **requirement analysis, test planning, and environment setup**.
 - Performed **functional, regression, sanity, and smoke testing** on every release.
 - Utilized **UPI, IMPS, POS Lenz, and Finsim simulators** for testing and transaction validation.
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Software Engineer – RS Software Pvt. Ltd. (Client: NPCI Hyderabad) | *Nov 2016 – Jun 2017*

- Contributed to **software development and testing** for NPCI payment systems.
- Conducted integration testing and resolved technical issues.
- Supported **timely delivery** of banking and payment software solutions.

Network Analyst – RailTel Corporation of India | Oct 2015 – Oct 2016

- Provided **technical support and maintenance** for network infrastructure.
 - Troubleshoot network issues, ensuring **uptime and performance**.
 - Collaborated with cross-functional teams to **implement network solutions**.
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Key Projects

Project 1: IMPS ISO to XML Migration

- Migration of IMPS, ISO to XML in **Production, DR & NDR environments**.
- Tested and certified **IMPS and UPI payments** using FRM simulators.
- Managed **UAT and production deployments** for **ICICI Bank**; tracked defects using **JIRA**.

Project 2: Certification Testing – ATM & UPI Switches

- Performed **functional and regression testing** of ATM, UPI, and IST switches.
- Implemented **UPI_URCS and FRM simulators**, resolving UPI-LENZ issues.
- Ensured **compliance and certification readiness** for partner banks.

Project 3: Switching Technology & Client Configuration

- Configured and validated **ATM and POS payments** per client business needs.
 - Conducted **ISO 8583 log verification** and switch-level message testing.
 - Handled **defect tracking and reporting** through **JIRA**.
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Education

- **M.Tech – Embedded Systems**, JITS, JNTU Kakinada – 2015 (70%)
 - **B.Tech – Electrical & Electronics Engineering**, SPCE, JNTU Kakinada – 2012 (61%)
 - **12th (MPC)** – Aditya Junior College, AP Board – 2008 (61%)
 - **10th** – Pragathi School, AP Board – 2006 (73%)
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Contact Information

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