RAKESH GOWDA KP

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SUMMARY

Automation Test Engineer with extensive experience in designing, developing, and implementing test automation frameworks for payment systems (SEPA Payments) using Python, Robot Framework, and Selenium. Skilled in collaborating with business analysts and cross-functional teams to ensure smooth integration and faster delivery of high-quality software, with a strong understanding of Agile methodology.

SKILLS

- Python
- Robot Framework
- SQL
- Jenkins
- Selenium
- API Testing
- Splunk
- SEPA Paymnets
- System Testing

EXPERIENCE

QA Automation Engineer | Tata Consultancy Services   *May 2022 - Present*

- **Collaborated** closely with Business Analysts and stakeholders to analyze business requirements for a Leading European Bank and translate them into comprehensive test cases, focusing on SEPA payment execution (Pacs008, Pacs004, Pacs002, Pain001, Camt056, Camt027, Camt087, Camt029).
- **Designed, developed, and executed** automated test scripts using Python, Selenium, and Robot Framework, ensuring seamless integration of payment systems with microservices such as **Kafka**, bookings, fraud monitoring and other systems.
- **Wrote and optimized** SQL queries to validate payment data, ensuring accuracy in payment execution and data consistency across multiple payment transaction table.
- **Integrated automation** scripts with CI/CD **pipelines** (Jenkins), ensuring timely and continuous execution of regression test suites for every code drop to identify inconsistencies, enabling faster delivery of high-quality software.
- **Tracked**, **reported**, and managed defects using **JIRA**, ensuring thorough documentation of issues and enabling clear communication with development teams for quick resolution, reducing defect turnaround time.
- **Detected discrepancies** in payment system microservices by analyzing Splunk logs, and **proactively communicated** findings to the **DevOps** team for timely resolution.
- **Identified and resolved** critical issues related to payment validation, reducing production defects by **30%** and improving overall system stability and reliability.

ACHIVEMENTS

- Reduced overall testing time by 40% by automating test workflows.
- Identified and resolved critical payment system issues, cutting production defects by 30%.
- Received multiple written appreciations from clients for high-quality deliverables.
- **ISTQB** Certified (Foundation Level).

EDUCATION

Malnad College Of Engineering, Hassan   *August 2015 - July 2019*

B.E in Civil Engineering   **CGPA – 8.8**