Suman Purkait – Software Development Engineer in Test

3.5 years of experience in IT industry as a Software Test Engineer specializing in Core Banking Systems & Credit Risk Management. Extensive expertise in functional, integration and regression testing for banking modules e.g. Card & Payments and Business Credit Reports, Risk Solutions etc. Skilled in created and executed test cases and developed and maintained automation test scripts and coordinating with cross-functional stakeholders to deliver high quality, on-time releases.

Important Projects and Contributions

- More than 2 years of experience for Business Credit & Risk industry related testing of experience in for both SIT and UAT and 1 year 5 months of experience in Cards and Payments testing for SIT.
- Validated merchant onboarding and maintenance workflows, including the setup of merchant profiles to ensure operational accuracy.
- Designed and executed manual test cases for Cards and Payments like Card Acquiring, transaction processing, Dispute Processing, Acquiring Fraud, Authorization, Settlement and payment gateway modules.
- Created and executed test plans, test cases, and test scripts based on functional and technical specifications.
- Conducted Functional, Regression, Integration, and UAT (User Acceptance Testing) for Credit Risk Management applications.
- Analyzed functional specifications, business requirements, and system design documents to develop detailed and effective test scenarios and test cases.
- Coordinated with business analysts and developers to understand requirements and clarify functionality.
- Logged and tracked defects using tools like JIRA, ensuring timely resolution.
- Participated in data migration testing and validation during core Credit Risk Management system upgrades or transitions.
- Conducted API testing for integration between Credit Risk Management systems and third-party applications.
- Simulated real-time banking scenarios to test system reliability, performance, and compliance.
- Collaborated with test automation teams to design automation scripts for repetitive test cases using tools like Selenium.
- Prepared detailed test summary reports and dashboards for stakeholders.
- Conducted risk-based testing to prioritize critical scenarios during tight deadlines.
- Developed and maintained automation test scripts using Selenium and Cucumber for business credit report validation and credit risk assessment workflow.
- Automated regression test suites, reducing manual effort by 40%.
- Collaborated with developers and business analysts to understand requirements and ensure test coverage.
- Performed API testing using Postman and SOAP UI for credit data integrations.
- Participated in daily scrum meetings, sprint planning, and retrospectives.
- Received special recognition in the DNB Blue Bolt Hackathon for innovative ideas on PII detection in text data.
- Successfully led the testing efforts for a major product release, achieving a 99% defect-free delivery.

SKILLS

- Functional, regression, integration, and UAT testing
- Defect reporting and tracking (e.g., JIRA, Bugzilla)
- SQL/database validation, MYSQL, Linux, SIBS
- Selenium WebDriver, BDD Cucumber, TestNG frameworks
- Java
- API Testing using POSTMAN

Overall Experience

- Areas of expertise includes Credit Risk Management, Cards and Payments testing, Functional and Regression testing, System Integration Testing, User Acceptance Testing, Agile and Waterfall methodologies and E2E Test Management

Industry Experience

- Banking & Finance (OCBC Bank – Cards and Payments, Core Banking
- Credit Risk Management (D&B Finance Analytics - Business Credit Reports, Risk Solutions)
.

Education / Certification / Training

- Banking and Financial services
- Selenium with Java – L1
- TOSCA – AS1 and AS2
- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect - Associate

Education: B.Tech (Electronics and Communication Engineering)