

SUBHRANSU KUMAR ROUT

Quality Assurance Engineer

📍 Bengaluru, KA

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CAREER OVERVIEW

Test Engineer with **2 years of experience** in **Fintech & SaaS**, specializing in **API testing, backend validation, payment page testing, and database management**. Proficient in **manual & automation testing**, working in Agile environments to ensure high-quality software.

TOOLS & TECHNOLOGIES

Postman, Selenium (Java), Pytest, JIRA, SQL, AWS, Lighthouse, HAR Reports, CleverTap, Firebase, Agile/Scrum.

SKILLS

- API Testing (Postman)
- Selenium (Java)
- Pytest
- Manual Testing
- Functional Testing
- Sanity Testing
- Database Testing (SQL)
- Backend Testing
- JIRA (Bug Tracking)
- HAR Reports
- Cloud Testing (AWS)
- UI & Usability Testing
- Agile Methodologies
- Test Case Design
- Mobile Testing
- Issue Resolution

PROFESSIONAL JOURNEY

QEST (EARLY-STAGE STARTUP) | | NOV 2024 – PRESENT

- End-to-End Testing: Requirement analysis, test case creation, execution, and API validation.
- Backend Testing: Using Pytest, validating APIs, database interactions, and business logic.
- UI & Functional Testing: Ensuring usability, responsiveness, and smooth functionality.
- Defect Tracking: Reporting & tracking bugs in JIRA for quick resolution.
- Cross-Team Collaboration: Worked closely with developers, designers, and product managers to optimize product features.
- Process Automation: Suggested & implemented automated testing strategies to improve efficiency.
- Security & Access Control Testing: Validated user authentication and role-based access functionality.
- Documentation & Reporting: Maintained detailed test reports, test cases, and bug logs for better tracking.
- Accessibility Testing: Ensured web accessibility compliance for a seamless user experience.
- CI/CD Integration: Collaborated with the development team to integrate testing in CI/CD pipelines.

FINNOVATION TECH SOLUTIONS PVT LTD (KREDITBEE) | FEB 2023 – JUNE 2024

- Manual & API Testing on Loan Management, Digital Gold, Insurance, Payment Pages.
- Database Testing: Validated CRUD operations in SQL.
- Performance Testing: Used Postman, HAR Reports, Lighthouse for web & mobile.
- Cloud-Based Testing: Leveraged AWS for scalable solutions.
- Payment Page Testing: Verified payment workflows, transactions, and third-party integrations for accuracy.
- Test Strategy Development: Designed structured test plans and test cases to cover critical business scenarios.
- Log & Event Analysis: Used Firebase & CleverTap for analyzing crash reports and event tracking.
- Regression & Release Testing: Conducted pre-release regression testing to ensure smooth deployments.
- Load & Stress Testing: Assessed system performance under high-traffic scenarios to prevent failures.
- Root Cause Analysis (RCA): Investigated recurring issues and provided solutions to minimize future defects.

EDUCATION

🎓 B.Tech in Computer Science Engineering – Modern Engineering & Management Studies, Balasore (2017–2022) | 70%

🎓 Intermediate in Science – Kaptipada Junior College (2015–2017) | 66%