

# BHOOMIKA G

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## PROFESSIONAL SUMMARY

Detail-oriented QA & Automation Test Engineer with hands-on experience in Manual Testing, Selenium Automation, API Testing, and SQL validation. Strong understanding of SDLC, STLC, Agile/Scrum, and Defect Life Cycle Management. Proven ability to design robust test cases, automate regression suites, validate REST APIs, and collaborate with cross-functional teams to deliver high-quality software. Actively seeking an Automation / QA Engineer role to contribute to scalable and reliable products.

## CORE COMPETENCIES

**Automation Testing:** Selenium WebDriver, TestNG, Hybrid Test Framework, Data-Driven Testing

**Manual Testing:** Functional Testing, Regression Testing, Smoke Testing, Integration Testing, System Testing

**Programming:** Core Java (OOPs, Collections, Exception Handling), SQL (Joins, Subqueries), Python Basics

**Tools & Platforms:** JIRA, Postman (REST API), Git/GitHub, TestRail, TestLink, Agile/Scrum

**Methodologies:** SDLC, STLC, Requirement Traceability Matrix (RTM), Defect Life Cycle, Test Case Design

## PROJECTS

### Shoppers Stack – E-commerce Web Application (QSpiders – Testing) ([Live-Project](#))

- Designed 200+ test cases for Admin, Merchant, Shopper modules covering cart, wishlist, multi-gateway payments
- Implemented Selenium WebDriver automation scripts using TestNG framework
- Performed functional, integration, regression testing; achieved 100% RTM coverage and 40+ critical defects
- Logged/tracked defects in JIRA; verified fixes reducing manual testing time by 35%
- Created test reports, execution evidence, and requirement traceability matrix

### QBank – Online Banking Web Application (QSpiders – Testing)

- Executed 200+ test cases for customer/manager modules (balance inquiry, fund transfer, loans)
- Conducted positive/negative scenario testing ensuring 98% functional coverage
- Validated end-to-end banking flows; identified 50+ defects across integration/regression cycles
- Documented test scenarios, maintained defect logs in JIRA following complete defect lifecycle
- Prepared test summary reports supporting QA sign-off for production release

### Fitness Tracking System (Academic Project – Development)

*Development | MERN Stack (MongoDB, Express.js, React.js, Node.js)*

- Developed responsive dashboard using React.js with real-time fitness data (steps, calories, heart rate)
- Implemented secure REST APIs (Node.js/Express) integrated with MongoDB; performed API validation using Postman
- Designed unit/integration tests for frontend-backend integration achieving zero critical defects
- Applied Agile methodology with sprint planning, stand-ups, and iterative testing cycles

## INTERNSHIP EXPERIENCE

Scontinent Technology pvt Ltd

Full Stack Developer Intern

Bangalore, India

April'24–June'2024

- Developed MERN stack web applications; performed unit testing and API validation using Postman
- Collaborated in Agile Scrum environment using JIRA for task tracking and Git for version control
- Executed database operations (CRUD, joins) with MongoDB/SQL ensuring data integrity
- Participated in sprint reviews contributing to feature testing and deployment validation

## EDUCATION

Triveni Institute of Commerce and Management

Bachelor of Computer Applications (BCA)

Bangalore, India

2021 – 2024

## CERTIFICATIONS

- Accenture UK – Developer and Technology Job Simulation (Forage, Dec 2024)
- Java Masterclass 2024: 130+ Hours of Expert Lessons (Udemy, Mar 2024 )
- Full Stack Software Testing with DevOps – QSpiders (Ongoing)

## ACHIEVEMENTS

- Created and executed 500+ test cases across QSpiders training and academic projects like QBank and Fitness Tracking System, achieving 98% test coverage and zero critical defects in production-like environments.
- Designed 2000+ test scenarios for Functional, Integration, and System Testing on e-commerce platforms, identifying UI inconsistencies and API failures early to streamline development cycles.
- Automated 100+ regression test suites using Selenium WebDriver in JavaScript, reducing manual testing efforts by 70% and accelerating release timelines from weeks to days.
- Identified and documented 150+ bugs in QBank online banking app across login, transactions, and security modules, collaborating via Jira to resolve 95% before deployment.
- Developed end-to-end test plans for MERN-stack Fitness Tracking System, validating MongoDB data integrity, React UI responsiveness, and Node.js backend APIs under high-load simulations.
- Led defect lifecycle management during QSpiders internship, triaging issues, retesting fixes, and generating quality reports that improved team metrics by 40%.