

# BHOOMIKA G

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## PROFESSIONAL SUMMARY

Detailed-oriented Software Tester skilled in Manual Testing, Test Case Design, Defect Tracking (JIRA), and Regression Testing. Proficient in SDLC, STLC, and familiar with Selenium, TestNG, and Postman for API testing. Seeking an entry-level QA role to ensure software quality and reliability.

## EDUCATION

Triveni Institute of Commerce and Management  
Bachelor of Computer Applications (BCA)

Bangalore, India  
2021 – 2024

## SKILLS

- **Programming:** Core java(OOps, Loops, Functions), SQL (Queries, Joins, data validation)
- **Automation Tools & Frameworks:** Selenium WebDriver , API Testing, Selenium.
- **Testing & QA:** Manual Testing, Functional, Regression, Smoke, Integration Testing, SDLC, STLC, Defect life cycle, Performance Testing, Bug Reporting.
- **Test Management:** Test Planning, Test Execution, Defect Management, Test Reporting.
- **Methodologies:** Agile/Scrum

## INTERNSHIP EXPERIENCE

*Scontinent Technology pvt ltd*  
Full Stack Developer Intern

Bangalore, India  
April'24–June'2024

- Developed and deployed **web applications using MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Built and validated **REST APIs** with Node.js and Express for seamless client-server communication.
- Designed and implemented **responsive front-end components** using React.js, HTML5, CSS3, and JavaScript.
- Performed **database operations** (CRUD, joins, validations) using MongoDB and SQL.
- Used **Git** for version control and collaborated with the team in an **Agile Scrum environment**.
- Participated in sprint planning, stand-ups, and reviews while contributing to feature development.

## PROJECTS

*Fitness Tracking System* / Java, CSS, HTML, Node.js, React. js, Express.js, MongoDB

- Designed and Developed fitness **tracking System** that enables users to log, track, and analyze their daily workouts, meals, and allowing user to create personalized accounts and store fitness progress without loss or duplicate
- Implemented **goal-setting features** where users can define weekly and monthly fitness targets, and the system automatically tracks achievements with progress indicators and alerts.
- Designed and tested **responsive web pages using HTML and CSS**, ensuring that the platform is accessible across multiple devices like mobile, tablet, and desktop for wider usability

- Integrated **MongoDB as the backend database** for efficient storage and retrieval of fitness records, providing scalability and reliability. And conducted **Unit testing and debugging** of backend java modules to ensure accurate calculation of calories, BMI, improving the overall reliability of the system.
- Incorporated **data visualization techniques using** charts and tables to present fitness data in a clear, interactive, and easy-to-understand format for end-users.
- Applied **java logic for backend processing to calculate BMI**, calorie intake, and workout efficiency, providing personalized recommendations
- Managed codebase on **GitHub** for version control and collaborate

### QBank – Online Banking Web Application

- Performed **requirement analysis** of the QBank Online banking Application to understand functional modules such as login, fund transfer, account management, and transaction history.
- Designed and executed **test scenarios, test cases, and test data** covering positive and negative workflows, ensuring complete test coverage of all banking functionalities.
- Conducted **functional testing** to validate core features like user authentication, deposits, withdrawals, and fund transfers, ensuring business rules were correctly implemented.
- Applied **boundary value analysis and equivalence partitioning** techniques to identify defect in input fields such as account numbers, PINs, and transaction amounts.
- Logged, Tracked and retested bugs using **JIRA** (or any bug-tracking tool, if you used one), ensuring timely defect resolution by the development team.
- Collaborated with peers to review test cases, share findings, and improve the overall **software testing lifecycle (STLC)** process within the project.

### Shoppers Stack – E-commerce Web Application

- Analysed requirement of the Shoppers stack **E-Commerce application** to understand core modules including user registration, product catalogue, cart, payment, gateway, and order tracking.
- Prepared detailed **Test Plan, Test strategy and test cases** to validate functionalities across modules, executed tests, and generated Test Reports in alignment with QA best practices.
- Conducted **functional and UI testing** to ensure smooth navigation, proper field validation, and error-free customer experience across all pages of the application.
- Performed **Integration testing** of modules such as login → product selection → cart → payment → order confirmation to verify end-to-end functionality.
- Used **equivalence partitioning and boundary value analysis** for test design to validate input field like price filters, discount coupons, and payment details.
- Logged and tracked defects using **JIRA** (or your specific bug tracking tool), collaborated with developers, and retested fixes to confirm proper resolution.
- Performed **regression testing** after code update to ensure that bug fixes did not impact other modules like product search or cart functionality.

### Certification/Trainings

- Core Java Programming Certificate – Jan 2025
- Full Stack Software Testing with DevOps at QSpiders