

DIVYA BHARATHI M

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Software Test Engineer

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SUMMARY

Detail-oriented and results-driven Automation Test Engineer with 3+ years of experience in banking and financial services domain. Proven ability to design, develop, and maintain robust automated testing frameworks for web and API-based applications. Passionate about quality and performance, with a strong focus on continuous improvement and CI/CD integrations. Known for spotting critical bugs others miss and accelerating release cycles.

WORK EXPERIENCE

TCS - Software Test Engineer

FEB 2022 - Present

- Developed and maintained scalable automation frameworks using **Selenium**, **TestNG**, and **Page Object Model (POM)** with data-driven testing.
- Automated 300+ test cases, reducing manual test execution time by 40% and improving regression coverage.
- Integrated automated test suites into **CI/CD** pipelines (**Jenkins**), enabling nightly runs and faster feedback loops.
- Designed and executed API tests using **Postman** and **REST-assured**, ensuring stable back-end integration.
- Performed manual and exploratory testing for responsive web and mobile applications.
- Conducted database testing by writing complex **SQL** queries for data validation in DB2 and Oracle databases.
- Identified and reported critical bugs using **JIRA**, collaborating closely with devs to resolve them pre-release.
- **Mentored** junior testers and contributed to testing best practices, encouraging a shift-left approach.
- Participated actively in Agile ceremonies — daily **scrums**, sprint planning, retrospectives.
- Assisted in load testing using **JMeter** to ensure system stability under high user load.

Skills & Competencies

- **Testing Methodologies:** Black Box Testing, Functional Testing, Regression Testing, Integration Testing, Smoke Testing, UAT
 - **Testing Tools:** Selenium, Postman
 - **Defect Tracking & Reporting:** JIRA
 - **CI/CD Tools:** Jenkins, Git
 - **Programming Languages:** Java, SQL
 - **Database Testing:** DB2, Oracle, MySQL
 - **Version Control & Collaboration Tools:** Git/GitHub
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- **Operating Systems:** Windows, Linux, macOS
- **Methodologies:** Agile, Scrum, Waterfall
- **Documentation:** Test Plan, Test Cases, Test Reports, Bug Reports
- **API Testing:** Postman
- **Web & Mobile Testing:** Cross-browser Testing (Chrome, Firefox, Safari), Appium
- **Performance & Security Testing:** JMeter , Awareness of SQL Injection security testing
- **Testing Frameworks:** TestNG, JUnit, Cucumber (BDD)
- **Framework Design:** POM, Data-Driven, BDD
- **Cloud & Others:** AWS , Docker , Agile/Scrum methodologies

Test Case Development & Execution: Proficient in writing detailed test cases and scenarios for functional, integration, and regression testing.

Defect Management: Experienced in defect lifecycle management and collaboration with developers to resolve issues.

Test Documentation & Reporting: Experienced in preparing test plans, reports, and summaries, including the use of traceability matrices to map test cases to requirements.

Basic Database Knowledge: Skilled in writing and executing SQL queries for database testing, with knowledge of joins, tables, and stored procedures.

Performance & Security Testing: Basic understanding of JMeter for load and stress testing; awareness of security testing principles such as SQL Injection.

EDUCATION

- **B.E.** – Agriculture Engineering from Bannari Amman Institute of Technology, Sathyamangalam with 8.71 CGPA in 2021
- **XII** from Nadar Saraswathi Girls Higher Secondary School, Theni with 81.5 % in 2017
- **X** from Nadar Saraswathi Girls Higher Secondary School, Theni with 95.60% in 2015

ADDITIONAL INFORMATION

- **Languages:** English, Tamil
- **Certifications:**
 - Selenium with Java, Cucumber & Framework ,
 - SQL Programming,
 - REST Assured API Automation Testing