



# Deepa Venkatesh

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Software QA Engineer | SDET

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## Professional Summary

Passionate Software Development Engineer in Test (SDET) with hands-on experience in manual and automation testing across web, API, and mobile platforms. Skilled in developing test plans, writing test cases, and implementing UI/API automation frameworks using Playwright and JavaScript. Experienced in CI/CD pipeline integration, performance testing, and cloud-based testing. Adept at identifying system malfunctions, reporting bugs, and collaborating with cross-functional teams to deliver high-quality software.

## Work Experience

### QA Test Engineer | TrackDefect Technologies Pvt. Ltd.

Apr 2024 – Present, Chennai

- Designed and executed test plans and test cases for GRC platform (Scrut) ensuring compliance with complex workflows and regulatory standards.
- Automated UI and API test cases using Playwright (JavaScript), reducing manual effort and improving regression coverage.
- Developed and maintained API test scripts in Postman, validating RESTful API endpoints, request/response handling, and error scenarios.
- Set up CI/CD pipelines (GitHub Actions, Jenkins, GitLab) and integrated automated test suites with reporting tools like Allure.
- Conducted manual testing, functional, regression, and end-to-end testing, reporting 1000+ bugs and documenting 1000+ test cases in Jira & BrowserStack.
- Performed performance and benchmarking testing, validating system response times under different loads.
- Supported Business Intelligence (Power BI) testing, verifying dashboards, data accuracy, and visualization logic.
- Collaborated with global teams across Indian and US time zones, ensuring smooth communication and timely delivery.

### Key Achievements:

- ✓ Top Contributor in Bug Bash (2023–2024).
- ✓ Recognized for effectively validating complex workflows and enhancing system stability.

## Education

B.Tech – Chemical Engineering

Rajalakshmi Engineering College, Chennai (2017 – 2021) | CGPA: 8.05

## Skills

- Programming: JavaScript, Python, Java (learning), SQL
- Automation Frameworks: Playwright
- Testing Types: Manual, Automation, API, Performance, Regression, Functional, E2E, Sanity and Smoke Testing
- Tools: Postman, BrowserStack, Jira, GitHub, GitLab, Jenkins
- CI/CD & Reporting: GitHub Actions, Jenkins, Allure, HTML reports
- Web Technologies: HTML, CSS, JavaScript, REST APIs
- Cloud & Platforms: AWS (basic)
- Practices: Agile/Scrum, Test Data Management, Visual Testing (Figma)

## Achievements & Certifications

- End-to-End Playwright Tutorials (UI & API Automation – JavaScript) – Udemy
- Software Testing Foundations: Test Techniques – LinkedIn Learning
- Best QA Manual Software Testing (Agile + Jira + API) – Udemy
- Jira Fundamentals Badge (Score: 93%) – Atlassian
- TribeQonf 2025 Testing Conference – The Test Tribe
- Recognized as Top Bug Bash Contributor (2023–2024)
- Awarded medal for Active Social Media Contributor on LinkedIn (2023–2024)