

# DEDEEPIYA SAJJA

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## OVERVIEW

SDET professional with hands-on experience in UI and API automation, CI/CD pipelines, and quality assurance of enterprise healthcare and logistics applications. Skilled in Playwright, JavaScript, Azure DevOps, and test planning/execution. Adept at integrating automation frameworks with DevOps pipelines to improve regression efficiency, reduce manual effort, and maintain high-quality software releases. Strong collaborator with experience working in Agile environments.

## PROFESSIONAL EXPERIENCE

**Accenture** Dec 2024 – Present  
*Custom Software Engineer Analyst, Hyderabad*

- Developed Playwright UI automation suite for healthcare web applications using JavaScript and Page Object Model.
- Implemented Azure DevOps CI/CD pipelines with YAML to automatically trigger smoke and regression test runs.
- Created scheduler jobs in Azure Pipelines to execute daily regression and publish HTML reports and screenshots.
- Integrated Git version control with ADO Repos to maintain clean branching and PR-based test updates.
- Used Swagger API to fetch dynamic appointment availability IDs and avoid test conflicts in booking workflows.

**Accenture** Dec 2022 – Nov 2024  
*Custom Software Engineer Associate, Hyderabad*

- Performed UI and API testing using Playwright, Postman, TestNG, and RestAssured for logistics and healthcare projects.
- Managed test plans, test cases, execution cycles, and defect reporting within Azure DevOps Test Management.
- Collaborated with development team to triage failures, debug issues, and provide reproducible bug evidence.
- Improved cross-browser stability by refining selectors, wait strategies, retries, and visual screenshot assertions.
- Prepared detailed test documentation and regression coverage for UAT, production validation, and sprint releases.

## KEY PROJECTS

- Built a custom HTML regression and smoke test report with environment, browser, execution duration, and pass/fail charts, generated after each run and published as Azure DevOps pipeline artifacts.
- Implemented Excel export in regression reports containing test case IDs, descriptions, and execution results for quick offline analysis and stakeholder reporting.
- Integrated Azure DevOps Reporter to automatically publish test results to ADO Test Plans after every pipeline run, including screenshots and recorded videos for failed steps.
- Created an Azure Dashboard using ADO Test Plan data so non-test stakeholders can view execution status, pass percentage, and environment-specific results without accessing test reports.

## EDUCATION

**International School of Technology and Sciences for Women** 2018 – 2022  
Bachelor of Technology in Computer Science  
CGPA: 7.53 / 10

## TECHNICAL SKILLS

**Automation** Playwright, JavaScript, TestNG, RestAssured  
**DevOps** Azure DevOps (ADO), YAML Pipelines, Git, GitHub, ADO Test Plans  
**Testing** Regression, Smoke, Cross-Browser Testing, API Testing, Agile Scrum  
**Database** SQL  
**Tools** Postman, Swagger, Playwright Azure Reporter, CI/CD scheduling

## ACHIEVEMENTS

- Sparkling Star Award** — recognized for automation contribution and accelerating regression execution.
- ACE Extra Mile Award** — awarded for critical testing support during healthcare application go-live.