

# Dharun R

## SDET - 3.3 years of experience

### OVERVIEW

Software Development Engineer in Test (SDET) with 3.3 years of experience in Web, Mobile, and API testing, specialising in automation-first QA strategies. Strong hands-on experience in testing large-scale consumer and enterprise applications across the Agritech and Retail domains. Proficient in designing robust automation frameworks using JavaScript and TypeScript, with extensive experience in WebdriverIO, Playwright MCPs, and Appium-based MCP solutions. Adept at working in Agile environments, collaborating with cross-functional teams, and continuously improving test coverage, stability, and release quality.

SKILLS	TOOLS AND TECHNOLOGY EXPOSURE
<p><b>Manual Testing:</b> Web, Mobile, API (Postman)</p> <p><b>Automation Testing:</b> Web, API, and Mobile</p> <p><b>CI/CD:</b> Pipeline execution and integration</p> <p><b>Agile Methodologies:</b> Scrum, Sprint planning, backlog grooming</p> <p><b>Source Control Management:</b> GitHub, Bitbucket</p> <p><b>Inter-team &amp; Intra-team Communication</b></p> <p><b>Test Design &amp; Execution:</b> Page Object Model (POM), BDD (Cucumber)</p> <p><b>Defect Management:</b> Categorization based on severity and priority</p>	<p><b>Programming Languages:</b> TypeScript, JavaScript</p> <p><b>Automation Tools:</b> WebdriverIO, Selenium, Appium, Rest Assured</p> <p><b>Mobile Automation:</b> WebdriverIO, Appium, Gavrix/Appium MCP</p> <p><b>API Automation:</b> Axios (JavaScript), Rest Assured</p> <p><b>Project Management:</b> JIRA</p> <p><b>Source Control:</b> Bitbucket, GitHub</p> <p><b>IDEs:</b> VS Code, Antigravity</p>

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## WORK EXPERIENCE

### Company: TestVagrant Technologies

#### Project: Decathlon

##### Contributions:

- Led mobile automation efforts for Android and iOS using WebdriverIO with JavaScript and Cucumber, ensuring seamless app functionality.
- Delivered end-to-end automation coverage across **mobile apps (Android & iOS), web applications, and APIs**, ensuring consistent quality across platforms.
- Designed and implemented automation frameworks using **JavaScript and TypeScript**, following scalable and maintainable best practices.
- Automated web flows using **Playwright MCPs**, improving execution speed and cross-browser reliability.
- Automated mobile application flows using **GavriX/Appium MCP**, enhancing test stability and reducing flaky test cases.
- Built and maintained API automation suites using **Axios**, validating critical backend integrations and business workflows.
- Performed exploratory and regression testing to validate new features and production fixes.
- Actively contributed to test strategy discussions, identifying automation opportunities early in the development cycle.
- Ensured quality across multiple release versions, supporting smooth and predictable deployments.
- Collaborated closely with developers, product owners, and stakeholders during Agile ceremonies including daily Scrum, sprint planning, and backlog grooming.

#### Project: NinjaCart

##### Contributions:

- Played a full-stack QA role, ensuring product quality throughout the entire development-to-deployment lifecycle.
- Developed and maintained end-to-end (E2E) test cases for UI and API using WebdriverIO with TypeScript.

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- Maintained UI test suites and refactored E2E test cases, reducing release cycle time.
- Led release go/no-go evaluations to ensure product stability before deployment.
- Collaborated closely with developers and product owners to validate requirements and deliver high-quality software.
- Worked with analytics tools like CleverTap and SplitIO to enhance testing insights.
- Participated in Agile ceremonies, including daily Scrum, backlog grooming, and sprint planning.

## Project: TagHive

### Contributions:

- Explored application features and gained domain knowledge to enhance testing effectiveness.
- Conducted functional testing and contributed to creating detailed bug reports.
- Assisted in bug detection and fixing, ensuring product stability.
- Tested and analysed results, categorising defects based on severity and priority using JIRA.
- Gained strong knowledge of Agile methodologies and defect management processes.