



Sree Haradeep Subhash Vaddi

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SUMMARY

Senior SDET / Quality Engineer with 5+ years of experience across UI, API, mobile, performance, and CI/CD testing. Currently focused on Sonatype Nexus Repository quality engineering, building scalable Playwright automation, Gatling-based performance pipelines, Terraform-powered test environments, and AI-driven test workflows using Anthropic Claude, Playwright MCP, and Weaviate. Experienced in designing automation frameworks, integrating quality gates into CI/CD, and applying LLM/agentic workflows to improve test execution and business-rule validation.

WORK EXPERIENCE

SDET Engineer, Sonatype India, Hyderabad, India

10/2025 – Present

- Owned end-to-end quality engineering for Sonatype Nexus Repository, covering UI automation, API validation, performance testing, regression, and release quality gates.
- Engineered and maintained Playwright-based automation frameworks for critical product workflows, emphasizing scalable and modular test design.
- Devised an AI-powered Playwright automation framework integrating Anthropic Claude agents, Playwright MCP, and Weaviate for contextual retrieval and dynamic test execution.
- Built agent-driven workflows capable of interpreting UI context, dynamically generating test steps, and executing end-to-end scenarios.
- Developed and optimized Gatling-based performance tests and integrated automated performance execution into CI/CD pipelines.
- Architected test pipelines that integrate UI automation, API validation, performance testing, and deployment quality gates.
- Automated test-environment provisioning with Terraform, enabling reproducible environments and scalable performance-test execution.
- Developed a React-based QA analytics dashboard for monitoring automation execution, performance metrics, and CI/CD pipeline health.
- Utilized AI-assisted engineering tools, including Claude and Cursor, to accelerate framework development and QA workflow design.

Senior QA Engineer | LLM Agent & Power BI Associate, Softway Solutions Pvt Ltd, Bengaluru, India

07/2022 – 09/2025

- Developed and validated a customer-facing payment portal integrated with ESG, covering billing, account, usage, and payment workflows.
- Validated ESG REST APIs covering service-order management, billing history, payments, and account verification.
- Built automated web regression suites using Selenium, TestNG, Nightwatch.js, and Cucumber, integrating execution into CI/CD pipelines.
- Developed iOS and Android automation for the DAIKIN ONE HOME application using Appium and CodeceptJS, including manual geofencing validation.

- Led QA Visioning initiatives, mentoring cross-functional teams, standardizing QA practices, and contributing to RFP solutioning and effort estimation.
- Developed REST API automation using REST Assured and JUnit 5 with schema validation and Allure reporting; integrated automated execution into CI/CD and supported API performance testing with JMeter.
- Designed LLM-integrated QA workflows for business-rule validation and developed AI agents using LangChain and Azure Prompt Flow for Oracle SQL generation and billing validation.
- Created Power BI reports and SQL-driven analytics for internal reporting and stakeholder dashboards.

QA Engineer, Thrymr Software, Hyderabad, India

06/2021 – 07/2022

- Executed functional, regression, and UI testing for ILMCT across manual and automated testing workflows.
- Developed Nightwatch.js automation for web workflows and integrated regression suites into CI/CD pipelines.
- Performed manual mobile testing across iOS and Android platforms, validating application functionality across device environments.

EDUCATION

PR Government Degree College, B.Sc., Electronics

- Achieved a GPA of 7.4.

SKILLS

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|--------------------------|--------------------------------------|
| • Playwright | • Selenium |
| • Appium | • TestNG |
| • Cucumber | • CodeceptJS |
| • TDD | • BDD |
| • REST Assured | • Postman |
| • Swagger / OpenAPI | • Gatling (Java) |
| • JMeter | • LLM Workflows |
| • Prompt Engineering | • RAG |
| • Agent-based Test Flows | • Playwright MCP |
| • Anthropic Claude | • Weaviate |
| • Java | • JavaScript |
| • Python | • SQL |
| • Jenkins | • Git |
| • Terraform | • AWS |
| • CI/CD Quality Gates | • Automated Environment Provisioning |
| • Power BI | |

CERTIFICATES

AWS Certified Cloud Practitioner, AWS

01/2024

BrowserStack Test Automation — Nightwatch.js, BrowserStack

Google GenAI Intensive Workshop — AI Agent Development, Google
01/2025

LinkedIn Power BI Certification, LinkedIn