

SUPRATIK PAL

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EDUCATION

TECHNO INTERNATIONAL NEW TOWN

(B.TECH) IN ELECTRONICS AND COMMUNICATION ENGINEERING.
DGPA: 8.14 / 10

BERHAMPORE J.N ACADEMY

HIGHER SECONDARY (CLASS XII)
Percentage: 77.14

BERHAMPORE J.N ACADEMY

SECONDARY (CLASS X)
Percentage: 77.7

TECHNICAL SKILLS

LANGUAGES

Java • Python • SQL • JavaScript • Typescript

AUTOMATION TOOLS

Selenium • Appium

TESTING FRAMEWORKS

TestNG • Cucumber • WebdriverIO

API TESTING

Python (requests) • Postman • REST-assured

CI/CD TOOLS

GitHub Actions

VERSION CONTROL

Git • GitHub

PROJECT MANAGEMENT

JIRA

OBJECTIVE

Results-driven SDET with 1+ years of experience in manual and automation testing across Web, Mobile, and API platforms. Built and maintained BDD automation frameworks using Selenium, Appium, and WebdriverIO (Java, TypeScript). Skilled in API automation (REST Assured, Postman, Python), Agile development, defect lifecycle management, and CI/CD integration. Actively contributed to sprint planning, RCA, and process improvement, with a strong focus on scalable test design and team collaboration.

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER IN TEST (SDET)

LAMBDATEST – NOIDA, INDIA

APRIL 2024 - PRESENT

TEST AUTOMATION FRAMEWORK – JAVA, SELENIUM, APPIUM, TESTNG, CUCUMBER

- Implemented BDD scenarios using Cucumber to enhance collaboration between QA, developers, and product teams.
- Developed and maintained end-to-end automation test cases for both web and mobile applications (both native and hybrid Android/iOS apps) using Java with Selenium and Appium.
- Utilized TestNG features like data providers, parallel execution, and test groups to optimize test performance.
- Integrated test execution with CI/CD pipelines for seamless regression testing
- Contributed to API test automation using REST Assured for backend validation scenarios and extending existing coverage.

UI AUTOMATION FRAMEWORK – WEBDRIVERIO, TYPESCRIPT, CUCUMBER

- Built a scalable UI test automation framework using WebdriverIO with TypeScript and Cucumber (BDD).
- Enabled parallel execution and multi-browser testing to reduce total test cycle time.
- Handled dynamic web elements and synchronization issues using custom wait strategies.
- Developed a custom GitHub Actions workflow file to automatically run tests.

API AUTOMATION FRAMEWORK IN PYTHON

- Contributed to the enhancement and maintenance of an existing API automation framework built with Python and the Requests library.
- Developed automated test scripts for key API endpoints, including authentication, CRUD operations, and response validations.
- Improved framework utilities by adding support for token-based authentication and dynamic payload handling.

ACHIEVEMENTS

- LeetCode 50 Days Badge 2022
- 5* @HackerRank(Problem Solving)