

# MAHENDHAR NALLAVELLI

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## PROFESSIONAL SUMMARY

Automation Test Engineer with 3.8 years of experience in designing and implementing scalable test automation frameworks using Selenium WebDriver with Java. Expertise in BDD (Cucumber), TestNG, Page Object Model (POM), Hybrid Framework, CI/CD integration, and API testing. Proven ability to reduce regression effort, improve test coverage, and deliver high-quality releases in Agile environments.

## TECHNICAL SKILLS

- Programming: Java, Core Java, OOPs Concepts
- Automation: Selenium WebDriver, TestNG, Cucumber (BDD)
- Framework Design: Page Object Model (POM), Hybrid Framework, Data-Driven Framework
- API Testing: REST Assured, Postman
- CI/CD: Jenkins
- Build Tools: Maven, Gradle
- Version Control: Git
- Reporting: Extent Reports, Cucumber Reports
- Defect Tracking: JIRA, ALM
- Database: SQL (Basic Queries)
- Methodologies: Agile (Scrum), Waterfall
- Tools & IDEs: IntelliJ, Eclipse

## PROFESSIONAL EXPERIENCE

Infosys Limited – Systems Engineer (June 2022 – Present)

- Designed and developed Hybrid Selenium automation framework using Java, TestNG, and POM architecture.
- Automated 250+ regression test cases, reducing manual effort by 60%.
- Integrated automation suite with Jenkins CI/CD pipeline.
- Implemented parallel execution using TestNG reducing execution time by 40%.

- Developed reusable utilities for reporting and data handling.
- Performed API testing using REST Assured and validated JSON responses.
- Executed cross-browser testing (Chrome, Edge).
- Worked in Agile Scrum methodology and participated in sprint ceremonies.
- Logged and tracked defects in JIRA and supported UAT activities.

## **PROJECT EXPERIENCE**

Westpac Banking Corporation – Automation & QA

- Developed automation scripts for banking workflows.
- Improved test coverage from 45% to 85%.
- Reduced regression cycle time from 5 days to 2 days.
- Ensured zero critical defects leakage in multiple releases.

Group Customer Master (GCM) – Internal Project

- Designed BDD automation framework using Cucumber and TestNG.
- Automated end-to-end customer lifecycle scenarios.
- Enhanced script reusability using centralized object repository.

## **ACHIEVEMENTS**

- Certificate of Appreciation – Infosys (March 2024).
- Reduced production defects by 30% through effective automation.
- Successfully built automation framework adopted across multiple modules.

## **EDUCATION**

B.Tech – Electronics & Communication Engineering  
Jagruthi Institute of Engineering & Technology | CGPA: 6.4