Sachin B Bhute

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AUTOMATION QA ARCHITECT

13.9+ years of expertise in Software Automation, AI-driven Testing, and Test Architecture across IPTV, Retail, Payroll, and Communication domains.

PROFESSIONAL SUMMARY

- **Automation Architect** specializing in AI-driven testing solutions, test framework development, and quality assurance.
- Expertise in **Selenium, Appium, AI-based test automation, REST APIs, Java, Spring Boot, and Python**.
- **AI Integration in Testing**: Implemented **OLLAMA AI model** for intelligent test automation and self-healing test scripts.
- Experienced in **CI/CD pipeline integration**, TestOps, and AI-powered test execution.
- Proficient in **cross-platform automation frameworks**, BDD (Cucumber), TestNG, PyTest and Cloud testing with **AWS & BrowserStack**.
- Strong leadership skills, mentoring QA teams, and driving **continuous testing & quality strategies**.

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript
- **Automation Tools:** Selenium, Appium, RestAssured, Sikuli,
- **AI/ML in Testing:** OLLAMA AI Model, AI-driven self-healing test scripts
- **Frameworks:** Cucumber (BDD), TestNG, Page Object Model (POM), Hybrid
- **CI/CD & DevOps:** Jenkins, SonarQube, Docker, Maven, Gradle
- **Databases:** MongoDB, MySQL, Oracle, DB2
- **Cloud & Infrastructure:** AWS, BrowserStack, Azure DevOps
- **Bug Tracking & Agile Tools:** JIRA, Rally, Version One

PROFESSIONAL EXPERIENCE

ValueLabs, Hyderabad, India

Role: QA Architect | **Jan 2023 – Present**
Project: STC TV – AI-Driven Test Automation & Cross-Platform Testing

Technology Used: Java, Spring Boot, Appium, Selenium, RestAssured, OLLAMA AI Model, Cucumber BDD, CI/CD, MongoDB, MySQL

Key Contributions:

- Designed and developed a **cross-platform automation framework** with Spring Boot, leveraging **AI for self-healing scripts**.
- Integrated **OLLAMA AI model** into Selenium and API testing to optimize test case execution and self healing mechanism.
- Automated **mobile, web, and backend API testing** using AI-powered strategies.
- Led **Continuous Testing & CI/CD enablement** across multiple projects.
- Spearheaded **QA Center of Excellence**, standardized testing methodologies and tools.

Cigniti Technologies, Hyderabad

Role: Associate Architect | **Jan 2020 – Dec 2022**
Project: DGMA Mobile & ECOMM Browser Automation
Technology Used: Java, Python, TestNG, Selenium, AWS, Appium, Jenkins

Key Contributions:

- Developed an **AI-enhanced test automation framework** with predictive failure analysis.
- Lead **mobile automation initiatives** on AWS Device Farm and BrowserStack.
- Created AI-based **visual validation testing** for UI consistency.
- Provided technical mentorship across multiple projects.

Accenture, Bangalore

Role: Team Lead | **July 2019 – Dec 2019**
Project: Solaris PRESTO Application Automation
Technology Used: Python, StormTest, Selenium, Jenkins

Key Contributions:

- Built a **custom IPTV test automation framework** from scratch.
- Optimized **test execution pipelines** for continuous release validation.
- Led **team training and process automation improvements**.

GlobalLogic Pvt. Ltd, Nagpur

Role: QA Lead | **Aug 2017 – June 2019**
 Project: Solaris QA Automation
 Technology Used: Java, Python, StormTest, Selenium, Appium, Jenkins

Key Contributions:

- Lead **Set-Top Box (STB) automation** with Python and StormTest.
- Managed automation across **browser, desktop, and mobile platforms**.
- Integrated **AI-based anomaly detection** into test reporting.

Previous Roles in ADP Pvt. Ltd, SQS India, Sears IT

(March 2016 – July 2017) | (Nov 2014 – March 2016) | (April 2011 – Sept 2014)

- Implemented **BDD automation frameworks** using Cucumber & JBehave.
- Designed and executed **API automation for Tax Credit services**.
- Developed **hybrid automation frameworks** for e-commerce and retail applications.

CERTIFICATIONS & ACHIEVEMENTS

- **ISTQB Certified Tester**
- **Selenium Certified Professional**
- Runner-up at **Pune Software Testing Conference – TestAutothon 2016**
- Multiple **"Extra Mile & Applause" Awards** at Sears India

EDUCATION

- **B.Tech in Computer Science** – KDK College of Engineering, Nagpur (2006 – 2010)

PERSONAL DETAILS

- **Date of Birth:** 23rd November 1987
- **Languages Known:** English, Hindi, Marathi
- **Interests:** AI in Testing, Playing Outdoor Games, Music

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge.

Date:
 Place: Hyderabad