

# Akash Mallikarjun Yallatti

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## SUMMARY:

Experienced **Automation Test Engineer** with over **3 years** of hands-on experience in both **manual and automated testing**. Expert in developing scalable test automation frameworks using **Python, Selenium, PyTest, and Hybrid-driven frameworks with Data-driven testing**. Skilled in **functional, regression, smoke, sanity, integration, and user acceptance testing**, with a strong focus on leveraging the **Page Object Model (POM)** for maintainable automation code. Proficient in **API testing (Postman)** and integrating automated tests into **CI/CD pipelines using Jenkins and GitHub Actions**. Familiar with **Agile methodologies**, actively participating in **sprint planning, sprint refinement, retrospectives, and daily stand-ups**. Adept at using **Jira** for effective test management and issue tracking, with a proven ability to **streamline testing processes, reduce manual effort, and enhance overall software quality**.

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## WORK EXPERIENCE:

### Senior System Engineer

Infosys Limited | Dec 2021 – Present

- **Test Automation:** Developed and maintained automated test scripts using Python, Selenium, and PyTest to improve testing efficiency.
  - **Framework Development:** Designed and implemented a Hybrid-driven automation framework with Data-driven testing, enhancing test reusability and scalability.
  - **API Testing:** Performed API testing (REST) using Postman and Python's requests library to validate backend functionality.
  - **CI/CD Integration:** Integrated test automation into CI/CD pipelines (Jenkins, GitHub Actions) to ensure seamless and faster deployments.
  - **UI & Functional Testing:** Executed automated UI and functional tests across multiple browsers and platforms, ensuring software reliability.
  - **Collaboration:** Worked closely with developers and QA teams in an Agile environment to identify and resolve defects early in the SDLC.
  - **Reporting:** Prepared comprehensive test reports, defect logs, and automation execution summaries to support project stakeholders.
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## SKILLS:

Python	Selenium	Pytest	Manul Testing
Automation Testing	Hybrid-Driven Framework	Data-Driven Testing	Postman
Jira	SQL	Git and GitHub	SDLC
STLC	Defect Tracking	Agile	Jenkins

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## EDUCATION:

Bachelor of Engineering (BE)

Visvesvaraya Technological University (VTU), 2019

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## CERTIFICATIONS:

- Microsoft Certified: AI Fundamentals (AI-900)
  - Microsoft Certified: Data Fundamentals (DP-900)
  - Microsoft Certified: Azure Fundamentals (AZ-900)
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## PROJECTS:

### Project Title: 3D-Web Banking Platform

*Role:* Automation Test Engineer

*Technologies:* Python, Selenium WebDriver, CI/CD Tools (Jenkins, GitHub Actions)

*Description:*

This application utilized by Financial Advisors to generate comprehensive investment reports and provide tailored recommendations to customers. The platform features multiple interactive tabs including Activity, Gain and Loss, and Performance that offer detailed analytics and historical data. The primary objective of this project is to streamline the reporting process, empowering advisors with accurate, real-time insights to make informed investment suggestions.

### Roles and Responsibilities:

- **Developed and maintained automated test scripts** using Python, Selenium, and PyTest to ensure high-quality releases.
  - **Designed a Hybrid-driven framework with Data-driven testing** to maximize test reusability and scalability.
  - **Conducted comprehensive API testing (POSTMAN)** and UI/functional testing across multiple browsers.
  - **Integrated automation into CI/CD pipelines** using Jenkins and GitHub Actions, reducing deployment times and manual efforts.
  - **Collaborated with cross-functional teams** in an Agile environment to meet project requirements and quality standards.
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