

NIKHIL KOLAPKAR

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Professional Summary

Experienced Automation Test Engineer with 3+ years of hands-on experience and a strong passion for automation. Proficient in Selenium 4.3, Azure DevOps, Docker, CI/CD Pipeline integration, GitHub Copilot, and ChatGPT. Skilled in .NET Core, API Testing, and C# Automation, with additional expertise in JavaScript and Playwright Automation. Familiarity with K6 Performance Testing and JUnit Load Testing to ensure software scalability. Experienced in Selenium WebDriver and Grid setups, utilizing Java, TestNG, and Maven for test automation frameworks. Well-versed in Mobile & Performance Testing, using tools such as JIRA and JMeter.

EXPERIENCE

Invimatic Technologies Pvt Ltd, Pune

March 2022 - Present

Senior Automation Test Engineer | C# Automation, API Testing, CI/CD Pipeline, Selenium Java, TestNG, Maven, Cucumber, Docker

- Developed **Selenium automation** scripts using **.NET C#** for web testing.
- Proficient in **CI/CD pipelines** to facilitate efficient integration and deployment.
- Conducted database testing for **MySQL, Oracle, and SQL databases** to ensure data integrity and reliability.
- Implemented **API testing** to validate the functionality and performance of APIs.
- Experienced in performance testing using **k6 for load testing** and **JUnit for load testing**.
- Proficient in **Agile Methodology** processes within projects.
- Expertise in **software testing**, which includes manual testing encompassing **functional** and **non-functional** aspects, as well as **automation testing** using **Selenium WebDriver**.
- Expertise in bug tracking processes using the bug tracking tool **JIRA**.
- Used SQL Server as a database utility tool to perform **database testing**.

PROJECTS

MEP (Mobile Enterprise Platform) | CI/CD Pipeline, Azure DevOps, .Net Core, Selenium C#

2025

- Used **Apache JMeter** for performance testing and benchmarking.
- Accounts can be created and managed. Implemented many functions related to the banking system.
- Operations followed the **Software Testing Lifecycle (STLC)** for rigorous testing.

EPP (Enterprise Printing Platform) | Selenium Java, Cucumber, API Testing, JUnit

2023-24

- Developed automation test cases using **Selenium Java** for the EPP (Enterprise Printing Platform) project.
- Utilized **Cucumber** to write descriptive and easy-to-understand automation test cases.
- **Designed Test Cases and Scenarios – TDD/BDD scenarios** to ensure comprehensive coverage.
- Utilized reporting tools like **Allure report** to deliver comprehensive and visually appealing test reports for stakeholders.

PeopleFy | JIRA, Manual Testing, API Testing, SQL

2022-23

- Conducted extensive manual testing, including **functional, non-functional, and end-to-end**.
- Identified and logged over **100 defects** during the testing phase, ensuring software quality and reliability.
- Developed and documented **250+ test cases** to comprehensively validate the functionality of the application.

EDUCATION

Sanjivani College of Engineering

2015 – 2019

B.E - Mechanical Engineering

RESPONSIBILITIES

- Developed **Automation Test Scripts**.
- Creating **POM** (page object model) and **Test classes** for the framework.
- Retesting defect fixes on each release build.
- Performed **Smoke, Functional, System Integration, Retesting, and Regression testing**.
- Experience in designing and implementing of **TestNG framework** with **Webdriver**.
- Performed parameterization to implement the **Data Driven framework**.
- Conduct Internal **Test Case Peer Reviews**.
- Participated in **weekly status meetings** with the team and developers to discuss open issues and communicate with the onsite team.
- Propose improvements to current practices, ensuring that approved enhancement is fully implemented and that repeat errors are eliminated.
- Performed **Smoke, Functional, System Integration, Retesting, and Regression testing**
- Conducted various types of testing, including **Functional Testing, Regression Testing, Sanity Testing, Smoke Testing, UI, and compatibility Testing**.
- Executed **manual test cases** meticulously using **Jira** and **Trello**, ensuring thorough coverage of test scenarios.
- Analyzed project requirements and **functional specifications** to understand the scope of **manual testing**.
- Developed **detailed test plans** and scenarios to cover all aspects of manual testing requirements.
- Conduct **Internal Test Case Peer Reviews**.

TECHNICAL SKILLS

Technologies: Selenium 4.3 | Azure DevOps | CI/CD Pipeline | Docker | Github Copilot | ChatGpt | .NET Core | API Testing | C#Automation | JavaScript Automation | Playwright Automation | k6 Performance Testing | JUnit Load Testing | MySQL Database | Oracle Database | SQL Database | Selenium | WebDriver | Grid | Java | TestNG | Maven | Git | Framework Design | Manual & Automation Testing | REST Assured | Mobile & Performance Testing | SQL | JIRA | JMeter | Docker | Agile | POSTMAN

Testing Tools: Cucumber BDD, Postman, RESTful API, Selenium Grid, CI/CD pipeline, Postman, Junit

Developer Tools: VS Code, VS Studio, IntelliJ, Eclipse

KEY ACHIEVEMENTS

- Spearheaded the automation of Selenium scripts **using .NET C#**, resulting in a **30% reduction** in testing time and a **50% decrease** in manual testing efforts.
- Led the implementation of **CI/CD pipelines**, streamlining integration and deployment processes and **increasing release frequency by 40%**.
- Identified and resolved **critical defects**, resulting in a **20% improvement** in software reliability and **customer satisfaction**.
- Utilized **AI tools** like **GitHub Copilot** and **ChatGPT** to streamline test case generation and maintenance, reducing script development time by **40%**.