

# MUHAMMAD NAWAZ



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## EDUCATION

### COMSATS UNIVERSITY ISLAMABAD, BS SOFTWARE ENGINEERING

SAHIWAL CAMPUS

Feb 2017 - Jan 2021

It's the application of theories, methods, and tools to design and build a software that meets the specifications efficiently, cost-effectively, and ensuring quality.

### CONCORDIA COLLEGE SAHIWAL

Fsc. Pre-Engineering

B.I.S.E. Sahiwal

Sep 2014 - Aug 2016

It's an intensive program of math, physics, and chemistry designed to prepare student for a career as an engineer.

## SKILLS

Automation/Scraping



Java



Java Script



.Net/C#



Python



## PERSONAL STATEMENT

Enthusiastically seeking a career that provides an opportunity to apply knowledge skills & Experience to a challenging environment leading to growth and development of the organization and personal career advancement.

## Professional Summary

- Good experience in automation testing includes Selenium IDE, Selenium Web Driver, Cucumber and API testing.
- Good experience in planning and execution of performance, load and stress tests for web applications.
- Good experience in creating and maintaining Test Plans, Test Cases, Test Procedures and Test Scripts for Manual and automated testing.
- Strong experience of Software Development Life Cycle (SDLC) as well as Software Testing Life Cycle (STLC) and the Role of QA in different testing methodologies like Agile, and Waterfall.
- Experience in developing and executing test cases manually and developed Automation script with Selenium Web driver, Cypress, Webdriver.io, Jenkins.
- Customized dashboards development for managing the tests cases and execution of automation jobs.
- Experience in back ends Database testing writing and executing SQL queries and other database operations with databases like SQL Server and Oracle.
- Experience with continues integration tool Jenkins, build tool Maven and version control / source code management tool GitHub implementation for Selenium scripts and had an exposure to DevOps.
- Automation scripting experience in Intranet/Internet applications using Selenium Web Driver, Cypress, WDIO, PyTest and SOAPUI.
- Use open source environment in Linux and UNIX Platform Web application testing.
- Experience in interacting closely with scrum team members and in understanding User Stories to fulfill the tasks associated with user stories.
- Expertise in understanding Business process for writing Test plans and Test Cases perfectly.
- Excellent Debugging Skills.
- Team problem solving ability, Analytical skills, and skills in High speed, Quality conscious and multitasked environment.

# SKILLS

Machine Learning



Android App Development



Flutter



Communication



Teamwork



## Tech Stack

### Test Frameworks

WebDriver, Cypress, Cucumber BDD, Postman, Selenium, Appium, Atlassian Jira, Trello, Click up, Test Rail, Azure Boards, JUnit, TESTNG

### Testing Cloud Platforms

Browserstack, Bitbar, Perfecto, Lambdatest

### Web

HTTP, REST, XML, JSON, HTML, CSS

### Mobile Application Development

Java, Flutter

### Message Transformation

JSON, XML, Java Collections, Data Mapper

### Cloud Platform

AWS, AZURE

### Database

MS SQL Server, Oracle, MySQL, Firebase

### Test Tools

POSTMAN, SOAPUI, JMeter, Load Runner

### CI / CD:

Maven, Jenkins, GitHub, Atlassian bitbucket, Azure DevOps, AWS, MS App Center

### Platforms

Linux, Windows, Mac OS, Android, iOS

# WORK EXPERIENCE

## Senior Automation Engineer (Team Lead) [Mar 2021 - Current]

CODEAUTOMATION.AI, Lahore

- Lead team of automation engineers.
- Manage all stages of automation projects.
- Develop, test, and maintain automation infrastructure.
- Conduct automation scripts code review.
- Monitor and update automated test strategies.
- Train employees in use of automation tools.
- Ensure full documentation of development and testing process.
- Identify potential areas of improvement and design plan for implementation.
- Develop company-wide testing protocols and application usage guidelines.
- Troubleshoot problems with current processes.
- Ensure that automation engineers are current with developing innovations in relevant technology.
- Tested and debugged process automation applications.
- Developed and implemented updates to existing applications.
- Identified problems with process automation.
- Installed and configured test system for automation.
- Worked with software development teams to ensure uniformity and compatibility company wide.
- Increased productivity by identifying and implementing improvements to existing automation solutions.
- Reduced downtime by developing software to automate an increasing number of functions.
- Tested and debugged automation processes.
- Documented software defects and resolutions.
- Participated in migration to new application framework.
- Prepared reports assessing the functioning of existing automation processes.

## Android Application Developer [Sep 2019 - Mar 2021]

CODEX Software House, Sahiwal

- Designed and developed core features for a real-time sports score Android application using Java .
- Built Android apps with back-end API integration to improve the customer experience and cut down on development time
- Integrated Facebook/Google login feature for fantasy cricket score tracking app, which increased app usage by ~20%

## Android Trainer and Developer [Aug 2018 – Sep 2019]

LOGICS I.T. Training Center Software House, Sahiwal

- Provide training to internee and short courses students.
- Created and tested over 50 high-quality Android apps that included app functionality, animations, social networks, and server-side integrations.
- Ensured that content met or exceeded business and client requirements 100% of the time.
- Wrote clean, clear, efficient, well-tested, and maintainable code.
- Articulated technical risks and obstacles to key stakeholders and managers.