

# Karan Arora

QA Technical Lead

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## CAREER HIGHLIGHTS & ACHIEVEMENTS:

- More than **12 years** of experience in Software Testing with extensive knowledge of **Automation and Manual testing**, proficient in **Web, Mobile and TV Applications and Web Service Testing**.
- Dexterously managed the delivery of automation and coordinated with concerned teams in implementing CI/CD process.
- Developed project specific software utilities which helped Team in day to day activities automating routine activities.
- Automated Post deployment testing and achieved effort and cost reduction by 80%.
- Configured/Shaped the automation frameworks available in market as per management's need for POC purpose at Newgen.
- Proficient in using test automation tools/api's such as **Selenium WebDriver, Rest Assured, WebDriverIO, Appium, BrowserStack, Suitest** to develop automation testing scripts for Api, Mobile, TV, Web Applications
- Worked on various unit testing BDD api's throughout my career. **Junit, TestNG, Mocha, Jasmine**
- Worked on different build and dependency management tools throughout my career like **Maven, yarn**.
- Worked on CI/CD tools like **Azure DevOps and Jenkins**.
- Experience in the development of **Data driven, Keyword driven, Page Object model and Hybrid Automation** frameworks in **Selenium**.
- Experience in setting up environment for testing, tools evaluation and feasibility study for Automation tool evaluation and pilot projects.
- Strong experience in different Analytics tools like **Firebase, Conviva, Facebook and Google Analytics**.
- Debugging** and **Network Proxying** tools experience like **NewRelic, Charles Proxy**.
- Outstanding **communicator** with extensive experience in customer service as well as ability to identify, develop and enhance client relationships.
- Extensive working experience in all phases of Software Testing Life Cycle(STLC), **Bug Life Cycle**, Software Development Life Cycle(SDLC), its methodologies such as **Agile, SCRUM** and Waterfall Model.
- Extensive experience in reviewing and analyzing Business Requirements and creating **Test Plans, Test Cases, Test Scripts, Test Estimation & Requirement Traceability Matrix**.
- Experience in **Functional** testing, **Integration** testing, **Regression** testing, **Black box** testing, **White box** testing, **Unit** testing, **Graphical User Interface(GUI)**, **System** testing, **API** testing, **User Acceptance testing**, Browser Compatibility testing.
- Experience in other project management tools like **Spira, JIRA, BugZilla**.

## WORK EXPERIENCE:

OVERALL: 12+ Years

Duration	Organization	Roles
Mar 2020 – Till Date	OSN	Automation QA Engineer
Sep 2018 – Jan 2020	United Health Group(Optum)	Quality Consultant
Aug 2013 – Sep 2018	Newgen Software Tech.	Lead QA/Testing (Automation)
July 2012 – Aug 2013	ValueFirst Digital Media Pvt Ltd	Testing Engineer Manual and Automation, Webservice/API Testing)
June 2010 – July 2012	Alert Enterprise (SUFI)	Software Testing Associate

## TECHNICAL SKILLS:

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|--------------------|--|
| • Key Skills       | Automation Testing of Mobile, TV and Web Platforms, Api testing(functional and automation) , Manual/Functional Testing, Database Testing.  |
| • Testing Tools    | Selenium(UsingJava), WebDriverIO(Using TypeScript), RestAssured, Appium, QTP, BrowserStack, Suitest, TestLink, Bugzilla, Spira, Jira, TestRail, Google Analytics, Facebook Analytics, Conviva, Adjust, Postman, Azure DevOps, New Relic, Charles Proxy |
| • Operating System | Window, MAC, UNIX/Linux  |

## PROJECT EXPERIENCE:

### March 2020- Till Date

### OSN Media Pvt Ltd

### Automation QA

Domain	:	OTT
Project	:	OSN Mobile App, TV, Web and Api Testing
Tool Used	:	WebDriverIO, Appium, BrowserStack, Suitest, Jira, TestRail
Duration	:	March 2020 – till date

#### Description:

OSN is the telecom and OTT service provider

#### Roles & Responsibilities:

- To overlook all the business and functional testing of OTT on all platforms(Android and IOS).
- Responsible for converting requirement to Test Cases and to make sure all the requirements has been covered in over test cases/scenarios.
- Web Services are common part for mobile, web and TV so to create and maintain test script for the same using Rest Assured and Postman tools.
- Developing the Automation Test Scripts using Rest Assured, Appium and selenium webdriver.
- Developed the automation framework from scratch.
- Enhancing test automation framework by preparing reusable functions, which improve the re-usability and maintainability of their test scripts.
- Participating in identifying the Test scenarios and designing of automated Test cases.
- Execution of test scripts and discussion of test reports with management.

### Sep 2018- Jan 2020

### United Health Group(Optum)

### Quality Consultant

Domain	:	Network Services Automation
Project 1	:	NMS
Tool Used	:	Rest Assured, Selenium WebDriver, Java, Maven, Rally
Duration	:	September 2018 – January 2020

#### Description:

NMS(Network Management Services) is one of the internal portal used to automate all sort of network services like load balancers, firewall requests.

#### Roles & Responsibilities:

- Developing the Automation Test Scripts using Rest Assured, selenium webdriver (Java), Test Cases using Junit.
- Enhancing test automation framework by preparing reusable functions, which improve the re-usability and maintainability of their test scripts.
- Participated in developing test automation framework using selenium web driver and java.
- Participating in identifying the Test scenarios and designing of automated Test cases.

- Execution of test scripts and discussion of test reports with management.
- Worked and assisted the people for UI automation.

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**Aug 2013- Sep 2018**

**Newgen Software Tech.**

**Team Lead QA/Testing**

**Domain :** Automobile Domain.  
**Project 1 :** AUTODATA  
**Tool Used :** Selenium WebDriver, Appium, Cucumber, junit, Extent Report  
**Duration :** November 2016 – August 2018

**Description**

AUTODATA is the application used for customizing and selling different types of vehicles

**Roles & Responsibilities:**

- Participated in developing test automation framework using selenium web driver and java.
- Developed the Automation Test Scripts and Test Cases using selenium web driver, cucumber, junit and extent report.
- Prepare reusable functions which improve the robustness, reusability & maintainability of their test scripts.
- Participated in identifying the Test scenarios and designing the Test cases.
- Customize report generation.
- Prepared and Executed Test Cases as per System Requirements.
- Execution of test scripts.
- Worked and assisted the people working on mobile automation using Appium.
- Worked in Agile methodology
- Participated in identifying the Test scenarios and designing of manual and automated Test cases.
- Support issues handling and discussion with client.
- Performed various black box testing Methodologies Like functional testing and regression testing.
- Execution of test scripts and discussion of test reports with management.

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**July 2012 – Aug 2013**

**ValueFirst Digital Media Pvt Ltd**

**Testing Engineer**

**Domain :** Telecom Domain  
**Project :** SMPP API(Web Services Database testing)  
**Tool Used :** SOAP UI , Bugzilla, GTS  
**Duration :** July 2012 to July 2013

**Description**

SMPP(Short message peer to peer)S is used by applications to communicate with Service Centers to send and receive short messages to & from mobile devices.

**Roles & Responsibilities:**

- Web Service Testing deployed on Linux environment
- Database Testing.
- Participated in identifying the Test scenarios and designing the Test cases.
- Prepared and Executed Test Cases as per System Requirements.
- Performed various black box testing Methodologies Like functional testing and regression testing.
- Defect Tracking and Reporting

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**June 2010 – July 2012**

**Alert Enterprise (SUFI)**

**Software Testing Associate**

**Profile :** GRC domain (Security)

<b>Project</b>	:	<b>Physical Access Management System</b>
<b>Tool Used</b>	:	<b>Bugzilla, Test Link</b>
<b>Duration</b>	:	<b>May 2011 to July2012</b>

#### **Description**

Alert Monitor is a multi-domain privileged user management application. It enables organizations to automate the monitoring of individuals entrusted with the most critical access in the organization.

#### **Roles & Responsibilities:**

- Test Bed Creation and perform end to end testing including build creation and deployment processes
- Performed various black box testing Methodologies Like functional testing and regression testing.
- Defect Tracking and Reporting

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#### **ACHIEVEMENTS:**

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- Consistent performer and awarded multiple times for best performance in projects.
- Got “Pat on the back award” for successful delivery of project
- Got “Rising Star” award for annual best performer.
- **ISTQB certified tester.**

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#### **EDUCATIONAL QUALIFICATION:**

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- **B.E. (CSE)** from BRCM CET Bahal, affiliated to MDU in 2009.
- **M.Tech (CSE)** from RIEM college Rohtak, affiliated to MDU in 2014.