Manmohan Singh Virdi

[QA Engineer](#)

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EXPERIENCE

Chargepoint , Gurugram – Staff Software QA Engineer
JAN 2023 – Present

working closely with the development team, participating in test planning sessions, prioritizing test cases for UI/ API automation and also doing manual testing for the active Sprint to ensure product meets quality needs

Cisco , Bangalore – Software Engineer – Grade 008
JUNE 2022 – DEC 2022

Maintaining Jenkins pipelines and stress testing infrastructure of webex contact center's analytics service, developing functional tests for Kafka streams app.

Aeris Communications, Noida – QualDev Engineer
JANUARY 2021 – JUNE 2022

Contributed in performance testing activities and monthly MWs for new car model releases, did manual testing of mobile app controlling the car via IOT, revived legacy UI test automation frameworks for their web and mobile app, proposed POC on API test automation using POSTMAN, pytest and Robot

Neurosensum Intl India Pvt Ltd, Gurugram – Tech Lead
OCTOBER 2020 – JANUARY 2021

Established test automation processes for their web app 'Surveysensum', Hosted Jenkins on AWS EC2 professionally, Plugged all the existing test projects in Jenkins and integrated Slack notifications, proposed POCs on performance testing and test case management tool.

Bravura Solutions , Gurugram – Senior Test Analyst
FEBRUARY 2020 – OCTOBER 2020

Configuring and deploying the product on Amazon EKS and running performance tests in this cluster using a hybrid test framework , analyze Oracle AWR reports and custom metrics , provide monthly feedback to the architecture team on performance trends and describe performance tuning bottlenecks.

Bravura Solutions , Gurugram – Senior Test Analyst
OCTOBER 2018– FEBRUARY 2020

SKILLS

Test management;

Framework development;

Test automation;

Report analysis;

Configuration management;

QAops;

CERTIFICATIONS

[ISTQB CTFL](#)

[Cutshort Java](#)

[Hackerrank Java](#)

HIGHLIGHTS

[Github](#) Arctic Code Vault Contributor

Had been an active member of [StackOverflow](#)

Member of [Toptal](#)

LANGUAGES

Vocally – English, Hindi & Punjabi;

Technically – Java, Python, Javascript,Ruby, Python, BASH, VBscript

Overseeing development of test automation framework for rich desktop client application with Web and SOAP interfaces , using TestComplete , Selenium and SOAPUI; Maintained QA GitOps configuration in Jenkins and managed VM infrastructure in a team.

Bravura Solutions , Gurugram – Test Analyst

FEBRUARY 2017 – OCTOBER 2018

Developed test data driven Web testing framework using Selenium, TestNG & Maven in Java. Demonstrated POC to internal team members and evolved the framework design in a cohesive pattern, so that it could be integrated with TestComplete.

QA InfoTech, Noida — *Software Testing Engineer – II*

MAY 2014 – FEBRUARY 2017

Working on framework development of mobile & Web applications test automation using open source tools like selenium,Appium & cucumber. Used maven, testNG and robot with python3, demonstrated POC on BDD test framework using Ruby and Rspec.

EDUCATION

Guru Gobind Singh Indraprastha University, Delhi — *Bachelor's of Technology*

AUGUST 2009 - JUNE 2013

Completed B.tech in Electronics & Communications branch with first division scoring 79.60%

Guru Tegh Bahadur Public School, Delhi — *High school*

MARCH 2008 - MARCH 2009

Completed XII standard under CBSE. Studied computer science fundamentals & professional English.

PROJECTS

Chargepoint NOS
Chargepoint's Network of EV Charging stations is managed by this backend operating system known as NOS. This backend web portal administers management of stations and drivers for different roles in an organization

As a Staff Software QA Engineer, I participate in sprints to test new features, create automation scripts using Behave and python. I am also involved in creation of reports and dashboards in grafana.

Cisco Webex – Cloud Contact Center
Cisco's Webex Contact Center is a Software-as-a-Service (SaaS) offering that provides the significant advantages of cloud delivery. It's a cloud-based contact

center that helps any organization unlock higher levels of agility, flexibility, scalability, innovation, and customer success. It enables modern contact centers with the ability to improve customer experience and optimize business results.

As a Software engineer-008, I am developing and maintaining functional tests of the data analytics service group.

Connected car platform - Aeris mobility suite

CCP AMS is a bunch of APIs productized as a connectivity solution for the automotive industry. It is offered in customized as well as generic flavor to various OEMs for connecting their devices to the Internet(cloud). This platform has inherent IOT flexibility which enables new business models through third-party integration and is foundational for V2X communications.

As a qualdev engineer, I am responsible for performance and security testing of their backend APIs deployed in k8s. Along with this, I am mentoring a team of 6 engineers in test automation and test management.

Surveysensum - Neurosensum
SurveySensum is an AI-Enabled Experience Management Platform helps brands to decode customers feedback into actionable insights. The product has its presence in Indonesia, Singapore, and India, and is serving customers worldwide.

As a Tech Lead, I established the process for manual as well as automation testing, mentored juniors , upskilled them in Java technology and proposed new tools for performance testing & test case management.

Sonata - WM
 A next generation wealth management administration system that unifies Pensions and retirement savings Life insurance , Investment, wrap and platform functions for different asset holding organizations.

As a Test Analyst, I started here with test automation of their web platform. Within 6 months , I transitioned into infrastructure automation and configuration management of the test farms. I had owned API test automation enhancement of the product. This is done in SOAP UI , TestComplete and Rest-Assured.

MTQ - Cengage Learning
An enhanced and extended e-learning platform , revised on MindTap's API and product features.
As a STE , I did test automation of the new UI using robot in python 2.6 . The test project was integrated with Jenkins for continuous testing in weekly releases.

MindTap — *Cengage Learning*

It is an e-learning platform which provides interactive apps & web applications to a set of college students & teachers where they can learn, test , assess & grade student's academic growth.

As a QA guy, I was responsible for overall application reliability in production. I also automated a set of web applications in the dev environment for quick reporting of any kind of breakage in the new builds. The framework involved maven, testNG and selenium in Java language.