



Navrattan Parmar

Engineer III Consultant-Quality Assurance

I'm an professional QA expert with 4.5+ years of testing experience, with expertise in automation.



parmarnavrattan@gmail.com



+91-7589294615



Bengaluru, India



linkedin.com/in/navrattan-parmar-875b37103

SKILLS

Automation Framework
(BDD)

Appium

Java

Selenium

Gradle

Git

RestAssured

Cucumber

WebRTC

Data Structure

Algorithms

SQL

VoIP

Agile Complaint

Benchmarking

Debugging

Cross platform testing

Javascript

Shell Script

SDP

Amazon s3 bucket
operations

Postman

BrowserStack

media testing

Jenkins

sumo logic

WORK EXPERIENCE

Engineer III Consultant-Quality Assurance

BlueJeans By Verizon

11/2020 - Present

Bangalore

Achievements/Tasks

- **Led the Web SDKs Quality Assurance (QA) team of 3**, providing guidance in strategic planning and execution. Additionally, led the team **from product inception through General Availability (GA)** and subsequent continuous release cycles.
- Facilitated the **QA team's smooth transition to Agile practices and also, elevated automation efficiency by 50%**.
- Engineered exhaustive **test plans, achieving testing coverage** across the software development lifecycle.
- **Improvements in the automation framework**, resulting in over **90% automation coverage** of the automatable scenarios, including **100% automation of JavaScript APIs in each release**.
- **Commenced web SDK automation**, resulting in a 70% automation in regression testing, **encompassing media, functional, and non-functional test cases**.
- Used a **Behavior-Driven Development (BDD) framework** integrated with **Selenium, and Appium** for the purpose of **automation web SDKs projects**.
- Drove **improved user experience** through enhanced public and API documentation, by testing as customers and giving usability feedback. **Strengthened team efforts** by delivering **QA Automation/Testing demo** each sprint.
- Achieved comprehensive **beta testing coverage and robust performance testing** by **seamless collaboration with the system test team**.
- Successfully **added Optical Character Recognition (OCR) capability** to our current automation framework. Used the Tesseract library to make this possible.
- Seamlessly established the **CI/CD pipeline** for the web SDK project

Software Engineer

BlueJeans By Verizon

02/2020 - 11/2020

Bangalore

Achievements/Tasks

- **100% Automation Validation of WebRTC Library**: Employed automated testing techniques to rigorously validate the functionality and performance of the WebRTC library.
- Successfully **validated SDP negotiations and connection messages**, ensuring smooth communication setup.
- **Improved call reliability (Q-Score) and user experience** by identifying and getting fixed the call failures through in-depth analysis of logs and network packets.
- **Regression Time Minimization through Enhanced Automation Efficiency** : Significantly curtailed **regression testing time from 3-4 days to a mere 2 days** by amplifying automation coverage, achieving higher automation percentages across testing scenarios.
- Created a 'getstats' class to easily **fetch essential stats for all web based clients automations**, achieving compatibility across various web browsers.

LANGUAGES

English, Hindi, Punjabi
Full Professional Proficiency

WORK EXPERIENCE

Intern

BlueJeans By Verizon

04/2019 - 02/2020

Achievements/Tasks

- Successfully implemented **device automation for room system equipment**. Developed automated processes to manage room system devices, including validating call stats, monitoring connection states, and adding extra functionalities.
- **Streamlined Properties File Generation via Automation**: Successful automation of properties file creation process, expediting and optimizing the generation of essential configuration files.
- Streamlined the management of **re-ice and reconnect scenarios** during live calls through successful **automation**, significantly enhancing call stability and **reducing manual testing needs by 40%**.

Software Trainee

KPIT

10/2018 - 03/2019

Achievements/Tasks

- POC for Interoperability between ROS 2 and Adaptive Autosar

RESEARCH PROJECTS

International Journal (07/2019)

- "Performance Analysis of WebRTC and SIP for Video Conferencing", published in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-9S, July 2019, (Scopus Indexed)"

International Conference (09/2018)

- "Syntactic Interoperability in Real Time Systems, ROS 2 and Adaptive-Autosar using Data Distribution Services: An Approach", in International Conference on Inventive Communication and Computational Technologies, Lecture Notes in Networks and Systems(Springer), published,(Scopus-Indexed)"

ACHIEVEMENTS

QA All-Hands Recognition Spotlight Award (04/2023)

Recognition Award for contribution made in business (01/2023)

Recognition Award for the efforts to qualify client SDK 1.4 release (11/2022)

Spotlight Award: 2nd runner up in the independence day contest (09/2022)

Teamwork Excellence Award (03/2022)

Spotlight Award for SDK GA release (03/2022)

Top scorer in the "Celebrating October- National Cybersecurity Awareness Month' Quiz" (10/2021)

Certified "MasterClass Software Testing with Jira & Agile -Be a QA Lead"

EDUCATION

Masters of Technology

National Institute of Technology Kurukshetra

2017 - 2019

8.4

Bachelor of technology

Guru Nanak Dev University, Amritsar (Punjab)

2013 - 2017

8.0

EDUCATION

DAV Senior Secondary School

PSEB

79

St. Joseph's convent School

ICSE

89.6