

Nandish N

Lead SDET

A passionate Software Engineer skilled in end to end qualification of multiple products with professional experience in Test Automation. Always on the edge to take up challenges to find innovative and simple solutions to problems.

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WORK EXPERIENCE

QAE-III

RingCentral Innovation (India) Private Limited

04/2022 - Present

Achievements/Tasks

- Leading end to end qualification of Hybrid(Native+WebView)Desktop Jupiter Application for Windows and Mac and Native-Virtual Background features for Jupiter (Video conferencing application).
- Created a framework for meeting join for capturing cpu metrics of RCV Native app for performance benchmarking against Zoom, Teams using appium.

Software Engineer 2

BlueJeans By Verizon

02/2020 - 04/2022

Achievements/Tasks

- System Test-Sequin:** Developed a complete automated framework to capture CPU and GPU metrics of BlueJeans app for performance benchmarking against Zoom.
- Involved in capturing MOS score(Audio quality parameter) for BlueJeans and comparing with other video conferencing applications.
- Media Quality for Sequin :** Automated bandwidth manager scenarios for BlueJeans video conferencing application and WebRTC covering regression test suite. Created smoke runs for media quality and cross geography participant experience
- XLM :** Developed a framework for Cascade Automation Testing and migrated Sequin Test suites to XLM (Extra Large Meetings). Ported Indigo api to Indigo2.0 api in Automation for Meeting stats validation.
- Created a metric dashboard to capture the stats for extra large meetings to monitor app experience of each participant.
- Involved in comparative analysis of BlueJeans with mobile edge computing and defining test plans

Intern

BlueJeans Network

03/2019 - 02/2020

Achievements/Tasks

- Involved in complete testing, fixing and creating automated test suite for Outlook add-in for web app and Outlook plugin for Desktop app and BlueJeans Google calendar add-on using Selenium and Sikuli
- Played an important role in end to end qualification of BlueJeans for Linux, BlueJeans desktop application for Linux variants

Associate Software Engineer

Accenture

08/2018 - 03/2019

Achievements/Tasks

- Trained on basics of Java, RDBMS, MySQL, HTML.
- Software back-end developer of Xtreme Makeover(project focused on maintaining insurance policies).

SKILLS

Python

Java

Selenium

Sikuli

API Testing

Appium

DSA-Beginner

PROJECTS

LipSync Test

- Automated test to validate audio and video sync, a common problem in video conferencing application. Project makes use of python open-source packages (auditok, openCV, ffmpeg) and ffmpeg software.

Algo Trading

- An algorithmic approach for trading that makes use of Zerodha api with python.

Stock Screener

- Dashboard that makes use of Tredcode and Chartink data and api to filter out high probable stocks built with python

Speech directed Face Composite Tool

- The project aims at developing a software tool to sketch a human face which can be used in forensic department to identify criminals. The facial features are obtained through speech processing and several image processing techniques.

Wireless power transmission

- Developed wireless power transmitter which transmits power within a small range without a physical wire. This project is built using an electronic circuit which converts AC 230V,50Hz to DC 12V whose output is fed to tuned coil that produces the power to run the load.

Touch sensitive switch

- Developed using MOSFET along with two sensors. The resistance offered by human beings is detected by the ON sensor due to the high impedance that is offered to the MOSFET and by touching the OFF sensor the path 2 for discharging is provided thus switching operation is obtained.

EDUCATION

Bachelor of Engineering

BNMIT

08/2014 - 06/2018

Courses

- Electronics and Communication Engineering

INTERESTS

Dancing

Cricket

Travelling