

Priya Shah

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[LinkedIn](#) | [GitHub](#) | [Stack overflow](#)

Education

| Qualification | University/Board | % | Year | Remark |
|--------------------------|----------------------|-----------|------|-------------|
| MEng in Software Systems | University of Regina | 87.5 GPA | 2023 | Distinction |
| B.E. in Computer | GTU | 8.67 CGPA | 2017 | Distinction |

Professional Experience

Software Test Automation Developer at Nokia, Ottawa, ON

Jan 2023 – Present

- Currently working full time as software test automation developer with 1 year of student Co-op Experience, that includes hands on experience in python scripting with selenium, automation testing of network apps, experience in radish framework, proficiency in quality assurance, documentation, defining test scenarios

Software Engineer at eInfochips, Gujarat, IN

Jul 2017 – Jan 2021

- 2.5 years of Professional Experience, that includes Automation & REST API Testing, Embedded Device Testing with Python, Continuous Integration and Continuous Development for integrating automation scripts with pipeline jobs
- 1 year of experience in Machine learning model development on NVIDIA's Jetson TX1, home automation solution development of IOT devices and quality assurance using python testing development
- Knowledge in debugging and fixing the cisco router framework operating system
- Hands on experience in maintaining rapport with clients, requirement gathering, feature planning, tracking of development cycle, delivering high quality software

Project Details

1. Cloud managed SD-WAN tools (Project at Nokia)

Nuage SD-WAN portal contains different networking apps with various features. Developed the automation framework from scratch using **selenium** and **python**. Other responsibilities include developing the automation scripts, defining the scenarios and steps for **automation** and test it with developed **radish framework**. Maintained continuous integration and deployment through **Jenkins**, built pipelines for production and deployment, performed **regression** testing. Improved software quality by validating the defects.

2. WorryNot website (Academic Project)

WorryNot [website](#) is a platform to address the issues of community related to mental health and focuses on the user's mental health by integrating features of create goal, community, daily affirmation

and lift your mood to make user more ambitious, confident and fearless at any stage. I developed the website using **WordPress and plugins**.

3. Medical Device Automation (Project at elnfochips)

Automated Impella console to control the Impella catheter that is the smallest heart pump to support patients undergoing critical surgeries. I developed the Automation Scripts in **Python** using **Behave** framework & REST API (Test hooks) on server-side software written in C. Wrote & executed Automated, manual and semi-automated test cases through **JAMA & Jenkins**. Scheduling the weekly call with customer for status update and bridging the gap in development and given requirements.

4. Deep Learning Based Driver Distraction Detection (Project at elnfochips)

This application looks for driver distraction using **deep learning** technique. In this application, Kaggle dataset was used for training and testing on google cloud instance. I developed **python** script for training using TensorFlow and pre trained **VGG16** model for 10 classes of driver's behavior such as operating radio, talking etc. I also created data streaming pipeline using **Kafka, Spark and Neo4j** which streams textual data of accidents.

Skillset

| | |
|---------------------------------|--|
| Programming Languages | Python , C, Shell script, Groovy Script, HTML, PHP, CSS, JS |
| Development Tools | Eclipse IDE, PyCharm, Visual Studio |
| Project/Code Management | JIRA, Confluence, JAMA, GIT, GitHub, Gitlab |
| Other Tools | Jenkins , SVN, Putty, Selenium, Postman, Telnet, SSH, WordPress |
| Database | MySQL, PostgreSQL |
| Frameworks | Behave, Robot, Keras, Tensor flow, Radish |
| Operating Systems | Linux , Windows, Mac OS |
| Data Streaming Platforms | Kafka, Spark, Neo4j |
| Virtualization | Docker , Virtual Machine |

Achievements

- Represented University of Regina at 14th Annual Education for Sustainable Development Recognition Event on 16th May, 2022
- Published research paper in IJAERD (International Journal of Advance Engineering and Research Development) with Paper ID **CO012**.
- Won 1st prize in inter zonal wrestling competition, 2016.
- Volunteered Quick page event in the GTU Techfest SPECTRUM 2016 at ADIT on 22nd Feb 2016.

Interests

- Sports (Volleyball)
- Dance
- Trekking
- Crafting

References available upon request