Priya Shah

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LinkedIn | GitHub | Stack overflow

Education

Qualification	University/Board	%	Year	Remark
MEng in Software Systems	University of Regina	88.6 GPA	2023	Ongoing
B.E. in Computer	GTU	8.67 CGPA	2017	Distinction

Professional Experience

Software Automation Developer at Nokia, Ottawa, ON   Jan 2022 – Present
- 1 years 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 and 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 eInfochips)

   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**. Used Jira tool for task tracking and task assignment for all team members. 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 eInfochips)

   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. This was implemented 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, Git-Lab
Other Tools	Jenkins, SVN, Putty, Selenium, Postman, Telnet, SSH, WordPress
Database	MySQL, Oracle, PostgreSQL
Frameworks	Behave, Robot, Keras, Tensor flow, Flask, 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.
- Was ranked 3rd position in district Secondary School Certificate board.
- Volunteered Quick page event in the GTU Techfest SPECTRUM 2016 at ADIT on 22nd Feb 2016.

Interests

- Sports (Volleyball)
- Dance

- Trekking
- Card making and decoration

References available upon request