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 Verification Engineer at eInfochips, Gujarat, IN   Jul 2017 – Jan 2021
- 3.5 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
- Organizational skills and ability to build rapport with team members and clients

Project Details

1. **Cloud managed SD-WAN tools** (Project at Nokia)
   Nuage SD-WAN portal contains different networking apps with various features. My role was developing the automation scripts, defining the scenarios and steps for **automation** and test it with developed **radish framework**. Improved software quality by validating the defects.

2. **Fruits and Vegetables classification** (Academic Project)
   This project involves the classifying the 10 fruits and 10 vegetables for healthy diet using **artificial intelligent** methods. I developed the **CNN** using **TensorFlow** and **keras** libraries. Also, I used REST api call to fetch the particular recipe for predicted fruit or vegetable.

3. **Deep Learning Based Driver Distraction Detection** (Academic Project)
   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.

4. **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**.

5. **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. Also, wrote & executed Automated, manual and semi-automated test cases through **JAMA & Jenkins**.

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
Frameworks	Behave, Robot, Keras, Tensor flow, Flask, Radish
Operating Systems	Linux, Windows, Mac OS

Other Experience

Customer experience salesfloor Associate – Walmart at Regina, SK   Oct 2021 - Present
- Assisting customers with their purchase
- Serving as an associate and full filling all the responsibilities by putting customers to the first

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