

Priya Shah

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

Education

| Qualification | University/Board | % | Year | Remark |
|--------------------------|----------------------|-----------|------|-------------|
| MEng in Software Systems | University of Regina | 88.5 GPA | 2023 | Ongoing |
| B.E. in Computer | GTU | 8.67 CGPA | 2017 | Distinction |

Professional Experience

Software Verification Engineer at elnfochips, 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
- Expertise in driving the QA/QC activities and standards necessary for ensuring that the products and policies meet end-user business requirements, manage and maintain the QA test artifacts for all development environments
- Good communication and managing skills and ability to build rapport with team and clients

Project Details

1. 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 its plugins**.

2. Medical Device Automation (Project at elnfochips)

Automated Impella console controls 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/semi-automated test case through **JAMA & Jenkins**.

3. 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 NVIDIA jetson tx1. My contribution was to manage/modify the dataset and extract frames from video using **FFMPEG* CLI**

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 |

Other Experience

General Associate – Dollarama Company at Regina, SK Apr 2021 - Present

- Assisting customers with their purchase and process their transactions at till
- Serving as an associate and full filling all the responsibilities by putting customers to the first
- Balancing the cash register at the end of the shift

Participation and Volunteer Experience

- 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.
- Ranked 1st in poster presentation held at ADIT ZERO- 15 TECH FEST.
- 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

Dr. Timothy Maciag

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