**Career Objective:**

To professionally associate myself with esteemed organization where there is an opportunity to contribute and update my knowledge in the field of software development and strive hard for organization and personnel growth.

**Professional summary:**

* Overall 5+ good experience in automation testing and UI development in software industry.
* **Automation Tester** with 3+ years of experience in Router, Modem based products using **Python and Robot Framework**.
* **Python UI developer** with 2+ years of experience in designing and developing standalone applications using **PyQt**.
* **Web Server development** with 7months of experience in designing and developing webserver using **Python flask and HTML**.
* Basic knowledge in **HTML web site development.**
* Basic Knowledge in **Shell scripting.**
* Good knowledge in Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC).
* Good experience with below concepts:
	+ Analysing, debugging, fixing, test cases automation and tools development in Python.
	+ Networking concepts like LAN, WAN, VPN, IPSec, Firewalls, DNS, DMZ, Port Filtering/Forwarding, IP Tables, IPPT.
	+ WiFi concepts like Security modes, Bandwidths, WPS, AP, Stations.
	+ Software Upgrade using Firmware Over The Air (FOTA)
	+ Rest API, APN testing, SIM testing, Mac filtering, Parental controls
	+ Automation scripts maintenance using Tortoise SVN repository.
	+ Requirements understanding and analysing.
	+ Test Strategy, Test Plan and Traceability Matrices Documents.
	+ Functional and Performance testing, Regression Testing, Integration testing.
	+ Preparing Test scenarios, Test cases.
	+ Bug Life Cycle.
	+ Bug tracker JIRA
	+ Tool for scripts review Crucible
	+ Build server Jenkins
* Worked in Agile Methodologies. Attending daily scrum calls.
* Possess good communication skills, self-motivated, pro-active, task oriented, good team player, and quickly learn at new technologies and systems.

**Experience Details**

* **Trainee Engineer** at **Innobox Systems Pvt. Lmt.** From July-15 to March-16.
* **Associate Software Engineer** at **Innobox Systems Pvt. Lmt.** From April-16 to March-18.
* **Software Engineer** at **Innobox Systems Pvt. Lmt.** From April-18 till date.

**Education:**

* **Master’s** in **project management** from **University of Sunderland (2012), United Kingdom.**
* **Bachelor’s** in **Computer Science and Engineering** from **Jawaharlal Nehru Technological University (2010), India.**

**Skills:**

|  |  |
| --- | --- |
| **Operating System** | Windows, Linux, Mac  |
| **Language** | Python |
| **IDE’s** | Python Idle |
| **Tasks** | Automation Testing, Manual Testing, UI development |
| **Tools & Utilities** | PyCharm, PyQt Designer, Robot Framework, JIRA (A bug tracking tool),Crucible (Automation script review tool),Jenkins (Build Generation Tool) |
| **Platforms** | MiFi OS, MiFi OS2, Open WRT, Android |

**Projects Details:**

Project #1

|  |  |
| --- | --- |
| **Project Name**  | MiFi OS |
| **Products**  | Jordan, Jordan Telcel, MetCalf, Tasman VoLTE, Gabriel, Bengal |
| **Client**  | Novatel Wireless, Verizon |
| **Role**  | Manual Testing |

**Description:**

Internet service provider with routing features like port filtering/forwarding, Manual DNS, Mac filtering, Firewalls, DMZ, VPN passthrough, Parental Controls and WiFi features with the limit on 10 clients. where the device also can be used as power bank. Development was done on own platform MiFi OS.

**Responsibilities:**

* Understand and analyze Functional, Technical and User Interface requirements of the project.
* Create Test scenarios, Test cases and Test conditions and Expected results.
* Executing Test scripts and publishing test results.
* Executing Regression tests.
* Reporting bugs and verifying the fixes.
* Sanity check for all software going out to production.
* Firmware/Software Upgrade testing (FOTA).
* Execution FOTA internal nodes using OMADM tools
* Regression testing.
* Executing Sanity tests on daily CI builds generated from Jenkins.
* Review requirements, specifications, user documentation, help files, and other project documentation to assure quality of the products and tests to be developed.
* Reporting bugs.

**My Role:**

* To authorize test cases.
* Sanity testing.
* Regression testing.
* Functional testing.
* Reporting bugs.
* Verifying fixes.
* Involved in technical discussions
* Execution of automated test cases and publishing the report.

Project #2

|  |  |
| --- | --- |
| **Project Name**  | MiFi OS2 |
| **Products**  | Tetherball, Whistler, Rooney, Franco, Alpine, Fathom, Skyus-140/160 |
| **Client**  | Novatel Wireless, Verizon Wireless, TMobile |
| **Role**  | Automation Testing |

**Description:**

Internet service provider with routing features like port filtering/forwarding, Manual DNS, Mac filtering, Firewalls, DMZ, VPN passthrough, Open VPN and WiFi features with the range on 10 clients where the device also can be used as power bank. Development was done on own platform MiFi OS2

**Responsibilities:**

* Understand/Analyze Functional, Technical and User Interface requirements of the project.
* Create Test scenarios/Test cases/Test conditions
* Automating/Authorizing the test cases.
* Executing and maintaining automated Test scripts/Regression tests and publishing test results.
* Maintenance of the repository.
* Reporting bugs and verifying the fixes.
* Enhancing the repository, Tools

**My Role:**

* To automate the test cases based on the requirement.
* Scripts reviewing.
* Maintaining the repository.

Project #3

|  |  |
| --- | --- |
| **Project Name**  | Open WRT |
| **Products**  | Corona, Campo, Ninkasi-500, Ninkasi-300, Chimay |
| **Client**  | Inseego, Verizon Wireless |
| **Role**  | Automation Testing |

**Description:**

Internet service provider with routing features like port filtering/forwarding, Manual DNS, Mac filtering, Firewalls, DMZ, VPN passthrough, Open VPN, IPSec and WiFi features with the range on 250 clients where the device also can be used as power bank. Development was done on Open WRT platform

**Responsibilities:**

* Understand/Analyze Functional, Technical and User Interface requirements of the project.
* Create Test scenarios/Test cases/Test conditions
* Automating/Authorizing the test cases.
* Executing and maintaining automated Test scripts/Regression tests and publishing test results.
* Maintenance of the repository.
* Reporting bugs and verifying the fixes.
* Enhancing the repository, Tools.
* Involve in development meetings and enhancing the scripts.

**My Role:**

* To automate the test cases based on the requirement.
* Scripts reviewing.
* Maintaining the repository.

Project #4

|  |  |
| --- | --- |
| **Project Name**  | Android |
| **Products**  | Peroni, Utopia, Moretti, Firestrom, Stormbreaker, Wavemaker, Duvel |
| **Client**  | Inseego, Verizon Wireless |
| **Role**  | Automation Testing |

**Description:**

Internet service provider with routing features like port filtering/forwarding, Manual DNS, Mac filtering, Firewalls, DMZ, VPN passthrough, Open VPN, IPSec and WiFi features with the range on 250 clients where the device also can be used as power bank. Development was done on Android platform

**Responsibilities:**

* Understand/Analyze Functional, Technical and User Interface requirements of the project.
* Create Test scenarios/Test cases/Test conditions
* Automating/Authorizing the test cases.
* Executing and maintaining automated Test scripts/Regression tests and publishing test results.
* Maintenance of the repository.
* Reporting bugs and verifying the fixes.
* Enhancing the repository, Tools.
* Involve in development meetings and enhancing the scripts.

**My Role:**

* To automate the test cases based on the requirement.
* Scripts reviewing.
* Maintaining the repository.

Project #5

|  |  |
| --- | --- |
| **Project Name**  | Log Analyzer Tool |
| **Client**  | Inseego |
| **Role**  | UI developer |

**Description:**

Development of new tool in python which will analyze the debug logs based on keywords given.

**Responsibilities:**

* Develop new user-facing features
* Build reusable code and libraries for future use
* Ensure the technical feasibility of UI/UX designs
* Optimize application for maximum speed and scalability
* Assure that all user input is validated before submitting to back-end
* Collaborate with other team members and stakeholders

**My Role:**

* To design and develop UI using PyQt. Where the UI will be updated based on the results.
* Developed static and dynamic widgets which will be updated based on the results from back-end.
* Developed responsive UI which updates the widgets and plotting graphs based on the output from back-end.

Project #6

|  |  |
| --- | --- |
| **Project Name**  | Lab View to Python Conversion |
| **Client**  | Intel |
| **Role**  | UI developer |

**Description:**

Developing new tool in python which will be working as same as lab view tool.

Reverse engineering involved in how the lab view tool works and developed new tool in python.

**Responsibilities:**

* Develop new user-facing features
* Build reusable code and libraries for future use
* Ensure the technical feasibility of UI/UX designs
* Optimize application for maximum speed and scalability
* Assure that all user input is validated before submitting to back-end
* Collaborate with other team members and stakeholders.

**My Role:**

* To design and develop UI using PyQt. Where the UI will be updated based on the results.
* Developed static and dynamic widgets which will be updated based on the results from back-end.
* Developed responsive UI which updates the widgets and plotting graphs based on the output from back-end.

**Biodata:**

Gender: Male

Age: 31

Date of birth: 10th June 1989

Nationality: Indian.

Marital status: Married.

Location: Hyderabad

**Interests:**

Browsing internet and reading books.

**Declaration:**

I hereby declare that the particulars mentioned in the resume are best of my knowledge and belief.

Monin Allu