**E-mail:- LOKESHWARISONU6@GMAIL.COM**

**SONUKUMARI. R**  **Contact Number: - (+91)7702374808**

**Objective:-**

Looking to obtain a job that will challenge me and allow me to use my education, skills and past experience in a way that is mutually beneficial to both myself and my team and allow for future growth and advancement.

**Summary:-**

* Having 1.2 years of experience in python automation and networking concepts.
* Having good knowledge in RFGW product.
* Good Experience in TCL and PYTHON Programming.
* Extensive knowledge in writing various testcases in python using pyats.
* Worked on automating the Internal Found Defects in python and validated them.
* Worked on translating various functions/procs which were already developed in TCL programming to PYTHON programming.
* Good Experience in analyzing scripts and failures.
* Having Good experience in understanding TCL Scripts.
* Raised various Autons and fixed them in either language (TCL/Python programming).
* Verified various Customer Found Defects and tried to reproduce the issue manually.

**Technical Skills:-**

* **Programming:** PYTHON - (Hands –on-Experience) in Automation.

TCL – (Hands – on – Experience).

HTML – (Basics).

DJANGO – (Basics).

JAVA – (Basics).

Selenium.

* **Operating Systems:** Windows and LINUX (Ubuntu).
* **Protocols: L2 Protocols**:-

ARP, STP, VLAN, VTP.

**L3 Protocols**:-

OSPF, RIP, BGP.

**Protocols Tested in RFGW10:**

DEPI, MPEG-2, SDV, VOD.

**Professional Experience:-**

**Project Details:-**

**Organization :** HCL Technologies.

**Client Name** **:** Cisco Systems, Inc.

**Team Size :** 6

**Duration :** Nov 2017 to till date

**Role Performed :** Software Engineer

RFGW-10 defines a cable network infrastructure. RF Gateway product meets the most demanding requirements of cable operators worldwide. RF Gateway offers concurrent support for standard and high definition digital broadcast television, switched digital video (SDV), video-on-demand (VOD) and DOCSIS modular cable modem termination system (M-CMTS) services.

* **DEPI (Downstream External PHY interface)** Feature provides an IP tunnel between Cisco M-CMTS and EQAM interfaces for carrying DOCSIS frames from M-CMTS to EQAM.
* **DVB (Digital Video Broadcasting)** is a European standard used for encrypting video content.
* **Power Key** is a Cisco proprietary standard for encrypting video content
* **PME (Privacy Mode Encryption)** is a Motorola Proprietary standard for encrypting video content.

**Roles and Responsibilities:-**

* Used Cricket, DekTec (Mpeg Analyser) & Set-top Box for verifying video & MPEG Transport stream.
* Responsible for debugging the issue found in test-case execution, isolate the problem & file bugs using CDETS tool.
* Automating test-cases using TCL/Python with ATS package
* Bug analysing/verification.

**Academic Profile:-**

2016 **B. Tech** in Computer Science & Engineering from Bharat Institute of Engineering and Technology, Affiliated to JNTU, Hyderabad, **secured 72%.**

2012 **Intermediate** in Narayana Junior college, Hyderabad, **secured 89%**

2010 **SSLC** in ViswaBharathi Matriculation Higher Secondary School, Chennai, **secured 79%.**

**Personal Skills:-**

* Good Communication and Presentation skills.
* Hands on python automation and Tcl scripting.
* Quick understanding and implementation of new concepts/features.
* Interested on facing new challenges and willing to work on that challenge to overcome it by myself within short span of time.
* Confident and punctual.
* Adaptive to any environment.

**Personal Details:-**

Name : R. Sonukumari

Father’s Name : R. Ramesh

Mother’s Name : R. Krishnakumari

DOB : 11-01-1995

Gender : Female

Marital Status : Single

Nationality : Indian

Address : 32, Yamuna Street,

Sri Devi Karumariamman Nagar,

Velachery, Chennai – 600042.

Languages : English, Telugu, Tamil, Hindi.

Hobbies : Classical Dance (Bharatanatyam), Carnatic Vocal, Chess.

**Declaration:-**

I hereby declare that the above furnished details are true to the best of my knowledge.

Place: Yours Truly,

Date: (**R. SONUKUMARI**)