**Call: +91 9962830811**

**Email: priyakolappan@yahoo.in**

**Place: Chennai, India**

**LPlac**

**SWARNA PRIYA K**

Organized and dependable IT professional of 5 years of experience successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

**Technical Skills:**

* Networking protocols
* Lua
* gdb
* Python scripting
* Sql
* VoIP/SIP
* SNMP
* OS6450/OS6350/OV2500
* C
* Shell Scripting
* Wireshark
* SIPp
* Git
* Perforce
* Jira
* Youtrack

**Work Experience:**

Project Engineer

Wipro Technologies, India

2018 to Present

**Clients Worked:**

Technicolor:

* Worked as a Voice team member on the development and bug fixes for Homeware projects on the OpenWRT platform using C programming and have good debugging skills with Git as control version system.
* Good Knowledge on protocols VoIP/SIP, SIP over TCP, Voice Codecs, T38, TR069, RTP/RTCP, RFC3261.
* Good Understanding of RJ11, Z-interface specs.
* Linux/Unix understanding and ability to navigate through a system, look at logs, etc.
* Sound knowledge on Lua programming, shell scripting and experience in working with FXS, DECT.
* Good grasp of IPV4/IPV6 addressing and TCP/IP and basic understanding of L2/L3 routing.
* Adequate experience in SIPp and wireshark tools.
* Analysed proposed technical solutions based on customer requirements.
* Provided guidance and mentored less-experienced team members.
* Experience with working with gateways like Telia, Telstra, Proximus, Vodafone etc.

Alcatel and Lucent Enterprise:

* Sustenance and development team member working on the development and bug fixes on 6x Omniswitches like OS6450, OS6350, OS6850 using perforce as control version system.
* Analyse Crash/PMD in the switch for CPU, Memory, IPC pools, and exceptions to arrive at the root cause of system panic.
* Fair understanding of IPC socket communication, SNMP, switching of packets, construction of packet format and packet generation via IXIA.
* Worked with memory leak, high cpu, lldp, poe, NTP, cloud-agent related issues.
* Monitored and tested Omniswitch using Omnivista 2500 NMS.
* Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements.
* Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.

**Education:**

**B.E., Electronics and Instrumentation Engineering -** May 2018

RMK Engineering College, Tamil Nadu, India. | CGPA 8.9

**Higher Secondary -** March 2014

Velammal Matric Hr Sec School, Tamil Nadu, India | 96%

**SSLC -** April 2012

Little Holy Angels' Matric Hr Sec School, Tamil Nadu, India | 95%

**Languages:**

Tamil ●●●●●

English ●●●●

Hindi ●●