

## **Divyapriyadharshini Babu**

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### **Professional Experience**

#### **Senior Engineer, Nokia Networks, Chennai, India.**

**April 2018 – December 2019**

- Gained hands-on experience in functionality testing of multiple protocols in Remotes ISAM boxes.
- Gained extensive experience in the Subscriber management module - PPP, DHCP, IGMP, VLAN.
- Automated test scenarios using TCL and Python.
- Gained knowledge in APME and Robot framework.
- Performed equipment, stability, and performance testing in ISAM.
- Prepared test setups and test plans for new features.

#### **Senior Engineer, Aricent Group (Now Altran Technologies), Chennai, India.**

**October 2015 – April 2018**

- Gained hands-on experience in testing multiple L2/L3 protocols - PPP, L2TP, DHCP, OSPF, IGMP, QoS, ICMP, Policies, RADIUS with Juniper E-Series routers.
- Performed detailed analysis of customer issues and reproduced the issue scenario in the local test setup.
- Automated test scenarios in TCL and integrated into the Regression Framework.
- Developed self-service tools to reduce the operational burden using Python.
- Brought up complex topologies with scaled and customer configuration.
- Logged defects and tracked in ClearQuest.

### **ACADEMIC QUALIFICATION**

**Bachelor of Technology, Information Technology**, Madras Institute of Technology (MIT) Campus, Anna University, Chennai, India **GPA:** 8.54/10 **Graduation:** May 2015

### **ACADEMIC PROJECTS**

#### **Network-On-Chip Mapping using Multi-objective Firefly Algorithm, July 2014 – April 2015**

- Proposed using a Firefly algorithm to generate an optimal Network-on-Chip topology with reduced area and power consumption and to improve the performance of topology.
- Used MATLAB to evaluate the optimal locations of each and every node in a specific application.

#### **Word Search Game, October 2012 - November 2012**

- Developed a complete game where the user has to find out the words in a given word matrix using C.
- Learned about pattern matching algorithms and implemented the algorithm to find if the word exists.

### **TECHNICAL SKILLS**

OS: Windows, Linux, MacOS

Languages: C, C++, Python, TCL

Routing/Switching: TCP/IP, IPv4, IPv6, VLAN, PPP, L2TP, DHCP, OSPF, BGP, Ethernet, QoS, ICMP, Policies, RADIUS client, SRC, SNMP

Technologies: ADSL, VDSL, Vectoring, Gfast Technologies

Tools: Spirent Test Centre, Agilent, Wireshark, ASTRA, Bugzilla, ClearQuest

### **ACHIEVEMENTS**

- Got Night Out Award for contributions of raising high quality bugs during testing of RANT-C ISAM box.
- Got WoW Award for “Individual Excellence” under the constantly learning category at Aricent.
- Got Snap Award for “Team Excellence” for completing the automation project with customer specific test cases at Aricent.