

Lilee Naik

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EXPERIENCE SUMMARY.

I have 12 years of C, C++ development experience on Linux platform and 1.5 years of development experience in Python (Django) on Windows Platform.

I have worked on L2/L3/L4/L7 protocols. I have good understanding on TCP, UDP, SNMP, SIP protocols.

I have worked as a scrum master for 6 months and Team lead for 6 months.

Current Company: VoxValley Technologies, Hyderabad (Sept 2023 - Present)

Previous Companies:

Johnson Controls Inc. Bangalore (April 2022 – July 2023)

Ericsson India Global Services Pvt. Ltd. Bangalore (Feb 2015 – April 2022),

Aricent Technologies, Gurgaon (Jan 2013 – Jan 2015),

Wipro Technologies, Hyderabad (Nov 2009 – Jan 2013),

Technical Skills (Technologies/Protocols/Language)

Programming Languages	C, C++, Python
Database Knowledge	MIB though SNMP, SQL
Protocol Knowledge	SIP, SNMP, TCP/IP
Scripting Language	Shell scripting, HTML, JSON, XML
UNIX Knowledge	Basic IPC, Multithreading, Socket Programming
Compilation Tools	Make, gcc
Debug Tools	GNU gdb, Wireshark
Version Control Tools	GIT, Gerrit, Rational Clearcase, SVN
Task and Build Tracking Tools	JIRA, MHWeb, Jenkins
Development Platforms	Linux, Windows

ACADEMIC DETAILS

Degree	Subject or Specialization	School/College/University	Year of Passing	Percentage
MCA	Computer Application	BPUT (Biju Pattnaik University of Technology) Odisha	2008	84 (8.4 CGPA)
B.Sc (HONS)	Computer Science	Rourkela Govt. Autonomous College, Rourkela, Odisha	2005	77% (with Distinction)
12th	Science	CBSE (Jawar Navodaya Vidyalaya, Zinc Nagar, Odisha)	2002	69%
10th		CBSE (Jawar Navodaya Vidyalaya, Zinc Nagar, Odisha)	2000	67%

SUMMARY OF WORK EXPERIENCE

Principal Engineer, JCI (Bangalore, Karnataka India) [April 8, 2022 – July 2023]

Project Name – ExacqVision Enterprise Manager
Client Name – Johnson Controls, Fisher (USA)

Description	Enterprise Manager EM is a management system of high-end performance cameras. These are security cameras, which are useful for recording and providing the security information. EM has a webAPI which supports the configuration and monitoring of the servers and cameras and could be monitored through its REST-API.
Duration	April 2022 – July 2023
Team size	3
Contribution	Requirement Analysis. Leading the sustaining Team for 6 months. Worked for the implementation of pgbouncer in PostgreSQL. Solving the JIRA/BUGS.
Domain	HVAC (Heating, Ventilation and Air Conditioning)
Technology Skills	Python, Django, REST-API, PostgreSQL, MSSQL, PyCharm

Project Name – Verizon NSRS and Verizon INCP
Client Name – Verizon

Description	NSRS (Network Server Redirect Server) The SIP Network Server (NS) maintain state information and global call processing parameters for session establishment maintenance, and termination. The Redirect Server (RS) is the primary repository of end-user information for Verizon Business SIP services. The RS stores semi-permanent or transient data about subscribers. This data enables subscriber address validation, feature status, and run-time subscriber activities. The RS also stores information about how the network is configured. INCP (Intelligent Network control platform) is a Verizon business service control point (SCP) in SS7. INCP includes communication server, Transaction server and DAP (Data Access Point). INCP has two communication servers i.e. X25cs and SS7cs.
Duration	June-2019 – April 2022
Team size	2
Contribution	Understanding the HLD and LLD, do the Coding, and unit testing.
Domain	Telecom
Technology Skills	C++, Linux, SIP, VoIP, JSON, REST, Curl, XML, x25, SS7

Project Name - Ericsson – SOA (Service on Access)
Client Name – Ericsson Germany

Description	<p>SOA (Service on Access) is a GUI developed by Ericsson and which give an access to the customer to configure and manage the remote devices.</p> <p>These devices are minilink devices, which are minilink smart packet (110/210/310), the MINI-LINK SP 310 is an Ethernet based platform supports Provider Bridge (PB), Multi-Protocol Label Switching-Transport Profile (MPLS-TP) networks and layer 3 routing function.</p> <p>Worked on Minilink Packet Terminal (MINI-LINK 6352) and Minilink TrafficNode - This is a complete all-outdoor microwave packet radio with the capability of handling Ethernet traffic using frequencies in the 71–86 GHz range.</p>
Duration	January 2017 – April 2019
Team size	3
Contribution	<p>Requirement Analysis, Design, Coding, review, and unit testing of the code changes done.</p> <p>Solved customer JIRAs and working on CSRs.</p> <p>Coding and adding new functionality is in C++.</p> <p>Basic Task structure involves - sprint planning, coding and resolving bugs, also doing the unit testing of the implemented functionality.</p>
Domain	Telecom
Technology Skills	C++, Linux, SNMP, XML, Python.

Project Name - Ericsson Multi Mediation 8.x and 15.x - Maintenance

Description	<p>Multi Mediation is an Ericsson Node used in a Telecom Network, used for encryption and decryption of data, or basically used for handling the functionality of CDR inflow and outflow and provides the data as per customer requirement in the form of ASN1 structure.</p>
Duration	February 2015 – December 2016
Team size	9
Contribution	<p>I was part of the maintenance Team.</p> <p>Task includes solving TRs of the Multi Mediation 8.x and 15.x product.</p> <p>Involved in the LCM upgrade of openssl and openssh.</p> <p>Involved in many IPC (Intermediate Product Customization).</p> <p>Solved many memory leak issues using MDB, GDB and Valgrind tool.</p> <p>Got appreciation in team meeting for my work.</p> <p>Got appreciation for solving Maximum number of TRs in the Team for second quarter of 2015 and in first quarter of 2016.</p> <p>I was Scrum Master of the team for first and third quarter of 2016.</p>
Domain	Telecom
Technology Skills	C++, LINUX, ASN1, MDB, GIT, GERRIT.

Senior Software Engineer, Aricent (Gurgaon, Haryana, India) [17-01-2013 to 30 -01-2015]

Project Name - Tellabs 73xx Project
Client Name – Tellabs, USA

Description	This project involves development and maintenance Layer 2 switch of Tellabs 7300 series.
Duration	January 2013 - December 2015
Team size	6
Contribution	I was involved in the POC and development of coding for PTP (Precision Time Protocol – 1588 v2), which help in time synchronization between different switches. Worked on the debug enhancement module. Enhancement is related to the add system/feature related CLI to help in debugging in CPU utilization, memory consumption and availability of memory for both the cards.
Domain	L2 Switching, Trap/Alarm Generation
Technology Skills	C, Linux, working knowledge PTP(1588v2) and SyncE, Socket Programming, VLAN, STP, SNMP, MIBS.

Project Engineer, Wipro (Hyderabad, AP, India) [30-09-2009 to 11-01-2013]

Project Name - IP- DSLAM
Client Name – Ericsson, Italy

Description	This project deals with the maintenance and enhancements in all EDA products that are basically IPDSLAM's but with varying subscribers' capacity and their support for ADSL and VDSL.
Duration	March 2010 – Jan 2013
Team size	7
Contribution	Adopting TRs from client and troubleshooting bugs, analysis and give fixes. Composing new Reusable Codes in C/C++. Writing Automation Test codes in C++. Supervising/Reviewing coding, unit testing and system testing.
Domain	Datacom
Technology Skills	C, C++, FCAPS, PPP, IGMP, DHCP, ARP, QoS, SNMP, MIB.

PERSONAL DETAILS

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