

Ankit Tripathi

Principal Systems Engineer

Address - Pune, 411045

Phone - 8010332357

E-mail - ank123it@gmail.com

LinkedIn

www.linkedin.com/in/ank123it



Dedicated and accomplished professional with over 14 years of hands-on experience in the dynamic intersection of Java development, O-RAN architecture, management, and systems engineering. A proven leader with a track record of successfully overseeing complex projects from inception to completion, optimizing systems for efficiency, and fostering cross-functional collaboration. Recognized for delivering innovative solutions that blend technical acumen with strategic thinking, driving organizational success. Seeking to leverage this multifaceted skill set in a challenging senior level role where a blend of technical proficiency, leadership, and systems expertise is valued.

Skills

Micro Service Architecture, System Design, Java,	<div><div></div></div>
	Upper intermediate
Community/Standards Alignment (O-ran, X-ran, ONF, ODL, LF, TIP, 3GPP)	<div><div></div></div>
	Upper intermediate
SDN Controller (ODL- Open daylight SDN Controller, RIC- Radio Intelligent Controller, ONOS- Open Network Operating System)	<div><div></div></div>
	Upper intermediate
Amazon AWS, S3, KMS, EKS, EC2	<div><div></div></div>
	Intermediate
Strategic Management	<div><div></div></div>
	Upper intermediate
Leadership	<div><div></div></div>
	Upper intermediate
O-ran, ONAP, NETCONF, YANG, Zero MQ	<div><div></div></div>
	Upper Intermediate
Protocol (Openflow, SCTP, NDP, REST, gRPC, NETCONF)	<div><div></div></div>
	Upper Intermediate
Kubernetes, Docker, Istio	<div><div></div></div>
	Intermediate

Work History

10/2021 –
Present

Principal Systems Engineer

CommScope India, Bengaluru

- Working on OAM & Orchestration on 5G/LTE releases. Involved in Systems Engineering design of SMO platform.
- Led the Authoring the requirement for gNB O1 interface and O2 interface for O-Cloud.
- Collaborated with stakeholders to define project objectives, scope, and deliverables, ensuring alignment with business goals.
- Developed and managed project plans, timelines, and resource allocation, effectively tracking progress and ensuring project milestones were met.
- Implemented agile methodologies and project management best practices, fostering a collaborative and iterative approach to project execution.

2/2019 –
09/2021

Technical Architect

STL, Bangalore

- Led and developed a team of 15 engineers, fostering a collaborative and high-performance work environment.
- Worked on RIC (Radio intelligent controller) on 5G/LTE release.
- Designed and developed in RIC platform. Implemented and incorporated MLB use case to RIC platform. Worked with ONF, ORAN and LF communities.
- System design (functional and non functional) for RIC platform which is scalable , low latency and fault tolerant.
- Working with project managers, ml developers, data scientist, quality assurance and customers to resolve technical issues.

01/2016 –
02/2019

Module Leader development

AltenCalsoft Labs pvt. Ltd., Bangalore

- Worked on Neighbor Discovery Responder this module is the implementation of NDP protocol for IPv6 VMs.
- Implemented Neighbor solicitation (NS) and Neighbor advertisement (NA) messages.
- Worked on ODL SDN controller and developed SCF (Service chain forwarding) an AD-Sal based solution.
- Trained and mentored developers and engineers, teaching skills in SDN technology, Data Pipeline and working to improve overall team performance

9/2013 –
01/2016

Senior Software Engineer

Ciena India Pvt. Ltd., Gurugram

- Java development using multithreading & concurrency to implement highly efficient product. Extensive use of collections and SOLID design principle.
- Worked on PWSM (Packet wavelength service manager). Worked on provisioning & managements of L0 services (Photonic) for Ciena Networks Optical products, and to act as an interface between these products and Ciena's Network Management System suite.
- Built the application using Maven/Gradle build.

11/2011 –
09/2013

Software Analyst

Bally Technologies, Bangalore

- Actively participated in the development, enhancement, and defect fixing of Java-based applications.
- Collaborated with cross-functional teams to gather requirements and translate them into technical specifications.
- Developed high-quality code, adhering to coding standards and best practices, to meet project objectives.
- Worked on SDS (Slot data System). Implemented slot accounting and player tracking data collection of ECASH module. Slot accounting maintains an accurate and timely database of slot machine statistics for management.

11/2009 –
11/2011

Software Engineer

CGI Information System, Bangalore

- Actively participated in the development, enhancement, and defect fixing of Java-based applications.
- Collaborated with cross-functional teams to gather requirements and translate them into technical specifications.
- Developed high-quality code, adhering to coding standards and best practices, to meet project objectives.
- Worked on AG (Activation Gateway) a telecom network provisioning tool. Implemented software upgrade to HP-UX to sun Solaris and implemented the speed based SOC.
- Assisted in the configuration and deployment of Unix scripts for various aspects of application management and integration.

Education

2012-06 -

MS (Software System)

2014-07

Bits Pilani

2004-06 -

B.Tech (Computer Science & Technology)

2008-07

UPTU, Lucknow

Accomplishments

- Successfully led and managed an Engineering team of 15 engineers in building a highly scalable system, meeting project goals and ensuring efficient resource utilization.
- Designed and implemented architectural solutions that enabled seamless scalability, allowing the system to handle increasing data volumes and user demand without compromising performance.
- Collaborated with cross-functional teams to gather requirements, define system specifications, and ensure alignment with business objectives, resulting in a system that met user needs and delivered value.
- Employed agile methodologies and best practices to streamline the development process, improving team productivity and accelerating time-to-market for the scalable system.
- Applied Innovation team and our Team received "Innovation of the Year" at our annual Technology Excellence Awards ceremony!
- 7+ year in SDN controller development, Oran Radio Intelligent controller (RIC)
- Implemented robust security and access controls for data solutions on AWS, adhering to best practices and ensuring data privacy and compliance.
- Designed and developed very low latency and highly scalable platform for multiaccess edge (MEC).
- Received spot, star and CEO quarter award for year 2019 & 2020 at STL tech.
- Got the "Certificate of Excellence" for year 2017 at AltenCalSoft Labs.
- Got the "PAT on the BACK" Award for Q2, 2011

Certifications

2008-03	SCJP
2011	GATE