

Mohit Verma

Telco-Core/Cloud Specialist

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11+ years of experience in Telco-soft domain. An autonomous worker committed to providing high quality services. Proficient in Legacy , IMS,VOLTE,RCS, Kubernetes, Openshift and CloudNative technologies. A opensource enthusiastic and willing to learn new technologies.



Technical Purview

Telecom Core integration and Deployment: Experience in implementation, integration, deployment, operation & maintenance of RCS/VOLTE/IMS components. I rendered Technical Support and maintained business as well as critical applications as per the client requirements and project specifications.

DevOps/CloudOps: IaC tool Terraform/Crossplane, Configurations management Ansible, Virtualization/Container: Docker/Openstack Cloud platform AWS/Azure/Openshift, SCM GitHub/GitLab , CI-CD Jenkins/ArgoCD/FluxCD, Other tools hands-on Helm/Kustomize/Cert-manager/Vault/Kind/Metallb.

Core applications Orchestration: Hands-on experience on orchestration frameworks inline with the ETSI MANO specifications, TOSCA, ONAP standards. Deployed application over openstack and Kubernetes PaaS via orchestrator.

Troubleshooting: strong debugging and problem analysis skills. In depth knowledge of protocols like HTTP, TCP,SCTP, SIP, SS7,Diameter,REST API's, SIGTRAN etc. Excellent understanding of using debugging tools like Wireshark,tshark and linux logs. Detailed understanding of NETCONF protocol, YANG models, REST APIs.

E2E Solution implementation: Excellent exposure of VOLTE/RCS/IMS solutions in various projects , worked on different solutions to enhanced my overall end to end VOLTE/RCS/IMS knowledge. Preparation of HLD's,LLD's as per customer solution requirement. Experience in Onsite work culture and environment.

Self Driven/Self: motivated: Excellent team player and flexible to work on any assigned tasks and adjust to changing business priorities and plans. Strong documentation skills for case management, knowledge capture and knowledge transfer. Observability Prometheus/Grafana/EFK stack



Professional Experience

Jul 2021 - **Solution Architect**

Current

Rakuten Symphony, Tokyo

Job duties:-

- 1) Analyzing the customer requirements, converting them into system requirements and capturing of detail design for the development team
- 2) Responsible for analyzing and troubleshooting issues reported during lab testing and production.
- 3) Responsible for deploying the vCore network elements on Kubernetes based Cloud platform
- 4) Working closely with various cross functional teams to achieve successful new product developments and rollout.
- 5) Responsible for building the vCore Automation & Orchestration frameworks inline with the ETSI MANO specifications.

Nov 2019 - **Senior Member of Technical Staff II - Ops**

Jun 2021

Mavenir , Tokyo

Project: Rakuten RCS/VOLTE operations.

- 1) Deployment , integration and testing of RCS/ VOLTE solutions in Japan.
- 2) Customer ATP, Issue troubleshooting and E2E operations/maintenance of Lab.
- 3) Deployment of Containerized Applications on PaaS (Robin platform).
- 4) Worked on testing the LCM of containerized apps.
- 5) Troubleshooting of the applications/platform issues in different environment.
- 6) Deployment, testing and troubleshooting in the Openstack cloud platform

Platform: Kubernetes, Docker, Robin, Openstack

Nodes: Mavenir Core nodes i.e WRG, RMS,SDC,WSG,TAS,IMC,MSTORE,PNS,PRX

May 2016 - **Solution Specialist**

Nov 2019

Nokia , Noida, India

Solution Specialist at Nokia Noida India. Responsible for Containerized TAS deployment on cloud, integration and end to end feature testing. Testing VOLTE features like MMTEL services, TADS, eSRVCC, homing, IPSMGW, Multidevice, MRF/MRFC, IM-SSF etc. Some experience on Net number ENUM/DNS deployment and configurations.

Project undertaken: -

- Rakuten Mobile Communication VOLTE NTAS deployment and integration engineer.
- Bharti Airtel PAN India TAS deployment integration and E2E testing support.

- Vodafone Germany TAS support and ATP testing support in Dusseldorf Lab testing environment .
- Deutsch's Telecom Greece TAS and MRF end to end support for VOLTE/VILTE deployment in Athens.
- Orange slovakia TAS E2E testing completion in lab/production.

Platform: Kubernetes and Openstack

Nodes: Nokia CFX, TAS, NetNumber , Radisys MRF, HP virtual connect, OA administrator, TOR switches , GEN9 Blades

**Jan 2016 -
May 2016**

Senior Consultant

Oracle India Pvt Ltd

Senior consultant at Oracle India Pvt Ltd. Responsible for Teklek STP and DRA integration and support.

Project undertaken: -

- Ooredoo Myanmar STP expansion UAT in Yangon. Involved in AT of newly installed STP

Platform: Teklec propriety Bare metal node

Node: Eagle STP,DRA

**Dec 2014 -
Jan 2016**

Network Specialist

Aricent technologies ltd, Gurgaon, India

Worked at client Nokia for deployment, integration and end to end feature testing of open TAS (NCIV 15.5) in Vodafone India Chennai POC.

Project undertaken :-

- Vodafone India VOLTE POC in Chennai location with TAS deployed on VMware cloud
- Orange Slovakia VOLTE Test Lab in Bratislava with TAS deployed on bare metal ATCA platform

Platform: Openstack, VMware

Nodes: Nokia TAS, CFX

**Nov 2009 -
Dec 2014**

Senior Engineer

VODAFONE Mobile Service Ltd, Delhi, India

Project:- Vodafone Delhi CS core/ STP Projects and MS

- Entrusted with responsibly of complete Operations/Maintenance/Projects related SIGNALING TRANSFER POINT, SCR, DXC and SIS servers
- Planning management/Performance management/Configuration management/Fault management/Alarm monitoring of PAN INDIA SIGNALING TRANSFER POINT.
- Responsible to manage Complete Configuration of various nodes (MSC/VLR, HLR, IN, SGSN, SMSC and other circle's SIGNALING TRANSFER POINT's) with SIGNALING TRANSFER POINT
- Responsible for Integration and deployment of roaming solution provided by Roamware during projects.

- Responsible for Integration and deployment of packet Monitoring solution provided by Tektronix .

Platform: Ericsson Blade server, Siemens ATCA platform , Windows Provisioning server, Solaris platform, Wireshark analyzer

Nodes: Ericson MSS, HLR, MGW,GMSS. Siemens STP , SCR, SIS server, Tektronix probes, Roamware roaming servers.



Education

Jul 2005 - *Kurukshetra University - Haryana*
Jul 2009 Passed with 67.7%.

Apr 2004 - *XII (CBSE) From J.L. D.A.V - New Delhi*
Mar 2005 Passed with 80.00%

May 2003 - *X (CBSE) From J.L.D.A.V Delhi - New Delhi*
Mar 2003 Passed with 79.4%



Certifications

Oct 2022 Certified Kubernetes Security Specialist

Jul 2020 Certified Kubernetes Administrator