

Avnish Kr. Jaiswal

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Profile Summary

Avnish Kr Jaiswal has 3.2 years of experience in NOC Telecom & Deployment with SIP Protocol, IMS, VOLTE, VOIP, OPENSTACK, Docker, Kubernetes & MANO architecture. He has good technical knowledge and working experience in Cloud. Well versed with OpenStack and the Kubernetes architecture. Proven expertise in leading end to end Call flow, daily activities such as Health-Checkup of the Nodes, Raisin case and troubleshooting it.

SKILLS

3GPP Versions	2G, 3G, 4G
Technology	SIP, IMS, VOLTE, VOIP, OpenStack
Domain	Deployment, Cloud, IMS,NFV & CNF/VNF

CERTIFICATIONS

Mar 2024	Certified KUBERNETES Administrator
INTERNSHIP	Completed 4 month of Internship in AWS SAA-C03



Work Experience

13 th January 2025- Till now	Radcom Trading India pvt Ltd.
Mar 2024 – 10 th jan 2025	Niscom Tele Infra Pvt Ltd
Oct 2021 – Feb 2024	Niscom Tele Infra Pvt Ltd

Name of the Project: VEON, DRILLISH, DISH RAKUTEN – Radcom Trading india Pvt Ltd

Duration	13 th Jan 2025 to till now	Role	NOC Engineer
Project Type	VEON, RAKUTEN, DISH, DRILLIS	Technology	OpenStack – RADCOM TOOLS, Dell Hardware, Nokia Airframe
Solution Overview	This project involved in daily basis activities, Cloud Health checkup, VM migration, Hardware case raising, Trouble shooting, Live – Node maintenance, Upgrades, Deployments.		
My Responsibilities	<ul style="list-style-type: none"> • We are doing proviosing solution • Looking for multiple project • Responsible for Upgrade of Version. • OpenStack- Neutron, Nova, Cinder, Heat, Triple-O • HLD and LLD knowledge. 		

Name of the Project: 3UK Europe Under NOKIA SOLUTION & NETWORKS

Duration	MAR 2024 –10th January 2025	Role	NOC Engineer
Project Type	3UK	Technology	OpenStack – Dell Hardware, Nokia Airframe
Solution Overview	This project involved in daily basis activities, Cloud Health checkup, VM migration, Hardware case raising, Trouble shooting, Live – Node maintenance, Upgrades, Deployments.		
My Responsibilities	<ul style="list-style-type: none"> • Analysis of Network performance issue in cloud. • Assuring that the Clouds are Healthy • Supporting project teams during Scale-in and Scale -out Activities • VM migration as per the requirement. • VM evacuation if Compute is not accessible • Deployment responsibility of both the applications in higher environment. • Trouble shooting of daily basis alarm • Zabbix monitoring • Creating VNFD-Packaging for all IMS based on customer Requirement • Troubleshooting of Nokia Airframe, HP & DELL Hardware and server • Responsible for Upgrade of Version. • OpenStack- Neutron, Nova, Cinder, Heat, Triple-O • HLD and LLD knowledge. 		

Name of the Project: Bharti India– Cloud L2/ Application L-1 Under NOKIA SOLUTION & NETWORKS

Duration	OCT.2021 – FEB.2024	Role	NOC /Cloud L2/ IMS L-1
Project Type	Deployment/ Troubleshooting	Technology	OpenStack Cloud, SIP, IMS, VOLTE, VOIP

Solution Overview	India based Telecommunication project has wide impact on connecting people with each other. It manages all the Telco based activities which directly benefits the subscriber. This project involved in daily basis activities, Cloud Health checkup, VM migration, Hardware case raising, Trouble shooting, Live – Node maintenance, Upgrades, Deployments.
My Responsibilities	<ul style="list-style-type: none"> ● Good working experience Nokia IMS Product like TAS, P-CSCF, I-CSCF, S-CSCF, AS ● Analysis of VOIP/SIP traces, for troubleshooting of different customer complaints ● End-to-end knowledge and co-ordination of IMS Network, handling of call related issue of IMS. ● Knowledge on SIP Protocol (RFC 3261). Knowledge on End-to-End call flow ● Working knowledge of SIP, SDP, TCP, UDP and Diameter Protocol. ● Taking MRF Backups, CLOUD Backup, ASBC, PSBC Backup Zone wise on daily basis ● Work on SCR (Success call rate) and Live KPI and On-demand Traces, Finding CLEAR CODE and LRN ● Detailed Analysis of Wire Shark Traces for call failure cases and rectifying the same. ● Diameter /SS7/H.248/RX/RF Link creation and deletion as per the requirements ● Preparation MOPS, Release Notes for error free delivery in production environment ● Testing all services and functionalities for user experience and Analysis of failure cases, reporting issues and tracking it to closure. □ ● Call transfer, call forward, (busy, no answer), Call Hold, Music on Hold, Forking, Conference. □ ● Posting Bugs and updating bug-tracking system as appropriate. □ ● Plan the CR and carry out the various activities in Maintenance windows ● Working Knowledge of MANO Architecture and workflow execution of VNF Lifecycle (Instantiation, Scaling etc.) ● Good experience in IMS architecture with all the nodes (P-CSCF, I-CSCF, S-CSCF, AS, HSS) and having knowledge on End-to-End call flow including IMS ● Registration Knowledge on VOLTE call flow ● Working knowledge of Docker, Kubernetes, Container. ● CKA Certified.

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Tools knowledge			
Duration	Oct. 2021 – Till now	Role	Tool used
Project Type	All	Technology	
Tools	NOCAPPS, RAS, GIT, GITHUB, NAGIOS, JENKINS, CHEF ITSM, WIRESHARK, PUTTY, OSI Model/Layer WinSCP, FILE ZILA, ZABBIX, MYCOM Docker, Kubernetes, MANO		
Operating System	WINDOWS LINUX - Redhat, CentOS, Ubuntu		

Protocol and Interface

Duration	Oct. 2021 – Till now	Role	Protocol
Project Type	All	Technology	
Protocol & Interface	SIP, RTP, RTCP, DHCP, SCTP, UDP, SDP Diameter Protocol, HTTP, HTTPS, S1U, S5/S8, SGi, S1 MME, S5/S8, S10, S11, S6a, GX, GY, Sh, Ro, Cx, Rx, Sv, Mi, Mj, Mr, Mr'		

My Responsibilities	<ul style="list-style-type: none"> • Worked on entire flow process of the applications. • Created all Scenarios that can be achieved to bring up any faulty node and debug it. • Create, Modify and Troubleshoot on basis of tickets to fix the problem. • Worked on Activities, Call Flows, validating rules and customized rules. • OnDemand Troubleshoot of any issue as per the MOP.
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EDUCATION

GOVERNMENT COLLEGE OF ENGINEERING AND TEXTILE TECHNOLOGY BERHAMPORE (WB) (WBUT) JULY 2014 – JULY 2018	<u>Bachelor of Technology</u>
VIVEKANANDA SIKSHA NIKETAN HIGH SCHOOL (ENG.MED) 2014	<u>West Bengal Board of Higher Secondary education</u>
VIVEKANANDA SIKSHA NIKETAN HIGH SCHOOL (ENG.MED) 2012	<u>West Bengal Board of Secondary education</u>

Declaration

I hereby declare that the information given above is correct to the best of my knowledge

Date:- 18:04:2024

(Avnish Kumar Jaiswal)

