SACHIN KUMAR CHAUHAN

Deployment and Operations Engineer
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TECHNICAL SKILLS

Shell/Bash Scripting
Python
Ansible
Terraform
Docker
Git
Azure
C#
Linux
IP Networking
Mo-shell Scripting
Awk Scripting
Cloud RAN
Kubernetes Basics
RPA
5G NR
LTE

FUNCTIONAL SKILLS

Team Management
Project Management
Problem Solving Approach
Troubleshooter
Adaptive and Flexible
Consistent Learner and up-skilling

AREAS OF INTEREST

Video Editing
Cricket
Food

EDUCATION

PGDM (INFORMATION TECHNOLOGY) HYBRID
Welingkar Institute of Management, Mumbai
Jan 2020

BACHELOR OF TECHNOLOGY, COMPUTER SCIENCE
Govind Ballabh Pant Engineering College, Uttarakhand
Jun 2010

Senior Secondary (XII Standard) and High School (X Standard)

Shri Guru Ram Rai Public School, Dehradun, Uttarakhand
Mar 2006 and Mar 2004.

CERTIFICATIONS AND ACHIEVEMENTS

Microsoft **AZURE** AZ-900 certified: Sep 2021
RPA developer foundation: Jul 2020
Ericsson Certified Technology – IP: Jul 2016
Ericsson Certified Associate – RAN: May 2016
Key Performer Award: 2021
Ericssson' Global Individual Assessment Program 2016 Certified.
Power Awards: 2014,2015,2016,2017
TOEIC (Test of English for International communication) certified.

LANGUAGES KNOWN

ENGLISH   •Read •Write •Speak
HINDI   •Read •Write •Speak

CUSTOMERS EXPERIENCED WITH:

Orange France: Remote
STC, Saudi Arabia: On-Site and Remote.
Batelco Bahrain: On-site and Remote.
Ooredoo Qatar: On-site
Ethiotel Ethiopia: On-site
Mobily Saudi Arabia: On-site and Remote.
Etisalat UAE: On-site
Smart Philippines: Onsite
Omantel Oman: Remote
Movicel Angola: Remote
MTN -Benin: Remote

PROFESSIONAL EXPERIENCE

TEAM LEAD
2019-PRESENT, ERICSSON INDIA GLOBAL SERVICES PVT. LTD.
Roles and Responsibilities:
1. Cloud Native deployment of gNB Application services on COTS hardware and Kubernetes infrastructure using **YAML** based configuration. Technologies involved: **Shell, Docker, Kubernetes.**
2. Setting up CI/CD pipelines for end-to-end automation for cloud services deployments. **Ansible**
3. Provisioning infrastructure using Terraform in Docker environment. **Terraform**
4. Automation of nodes configuration using **Python** and **Bash Scripting** on Linux environment.
5. Configuration Automation using **Ansible** and Shell scripting.
6. Tool development (Camel Automation) in C# for connection to network elements and automating configuration using GUI based solution.
7. Infrastructure verification for cloud deployment.
8. Data Analysis and Dashboard using python libraries like Pandas.
9. Software Upgrade of network elements. (Routers, 5G NR Nodes)
10. Troubleshooting.
11. Assigning tasks to team members.
12. Knowledge Sharing sessions with team members aligning them with required scopes.
13. Risk Analysis and identifying alternative ways for deployment activities.
14. Documenting and tracking day to day activities.
15. Resolving issues and following up with different support levels.
16. Promoting team harmony and collaboration.

SENIOR ENGINEER
2016-2018, ERICSSON INDIA GLOBAL SERVICES PVT. LTD.
Roles and Responsibilities:
1. Tool development for automatic health checkup of network nodes. Technologies used: **Python, Git**
2. Automating Bulk Script generation for faster RAN nodes.
3. Audit and Analysis, Fault finding,
4. Integration of LTE, WCDMA, Router network nodes.
5. Setting up Establishment phase including trials, first nodes and scripts.
6. Feature Introductions in the network.
7. Change request implementation.
8. License installation and corrective maintenance.
9. Trace collection.
10. Customer node acceptance.

ENGINEER
2011-2015, ERICSSON INDIA GLOBAL SERVICES PVT. LTD.
Roles and Responsibilities:
1. Router Node configuration. Technologies used: Bash Scripting, Router CLI.
2. Integration of LTE, WCDMA, GSM network nodes.
3. Software deployment and upgrade.
4. Script Preparation in Bash and Mo-Shell for configuration automation.
5. Trouble shooting & Corrective maintenance in the network.
6. Network Synchronization implementation.