SACHIN KUMAR CHAUHAN (Born 1990)

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Functional Skills

- Project and Team Management
- Problem Solving and TS approach
- Adaptive and Flexible
- Consistent learner and up-skilling

Areas of interest

- Video Editing
- Cricket
- Food

Languages Known

- English
- Hindi

Experience

Apr 2022 – Present
Senior Member of Technical Staff • Automation & DevOps • Mavenir Systems

Apr 2016 – Mar 2022
Senior Engineer • Automation Deployment & Configuration • Ericsson India Global Services

Nov 2010 – Mar 2016
Integration/Deployment Engineer • RAN Deployment • Ericsson India Global Services

Technical Skills

Platform and Tools: Kubernetes, Helm, Ansible, Jenkins, Linux, Docker
Automation and Scripting: Python, Bash, C# Basics, RPA Basics
Cloud Infrastructure: Terraform, Azure
SCM: Git, GitHub, BitBucket
Networking: IP Networks, Cloud RAN, 5G NR, LTE, O-RAN

Education

- PGDM (Information Technology): Hybrid
    - Welingkar Institute of Management, Mumbai - Dec 2019 [~80%]
- Bachelor of Technology, Computer Science
    - Govind Ballabh Pant Engineering College, Uttarakhand - Jun 2010 [~80%]
- Senior Secondary (XII Standard)
    - Shri Guru Ram Rai Public School, Dehradun, Uttarakhand - Mar 2006 [~90%]
- High School (X Standard)
    - Shri Guru Ram Rai Public School, Dehradun, Uttarakhand - Mar 2004 [~90%]

Certifications & Achievements

- Hashicorp Certified Terraform Associate: Oct 2021
- Microsoft Azure AZ-900 Certified: Sep 2021
- RPA Developer Foundation: Jul 2020
- Ericsson Certified IP Technology: Jul 2016
- Ericsson Certified RAN Associate: May 2016
- Ericsson Key Performer Award: 2021
- Ericsson Global Individual Assessment Certified: 2016
- Ericsson Power Awards Winner: 2014,2015,2016,2017,2021
- Test of English for International Communication certified

Customers Experienced With

- Dish USA: Remote
- Vodafone Idea: Remote
- Orange France: Remote, MTN Benin: Remote
- STC & Mobily Saudi Arabia: Onsite and Remote
- Batelco Bahrain: Onsite and Remote
- Ooredoo Qatar: Onsite, Movicel Angola: Remote
- Ethiotel Ethiopia: Onsite, Omantel Oman: Remote
- Etisalat UAE: Onsite, Smart Phillipines: Onsite

PROFESSIONAL EXPERIENCE:

1. Cloud Native deployment of micro-services-based 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.
3. Provisioning infrastructure using Terraform in Azure environment.
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.
17. Tool development for automatic health checkup of network nodes. Technologies used: Python, Bash
18. Automating Bulk Script generation for faster RAN nodes.
19. Audit and Analysis, Fault finding.
20. Integration of NR, LTE, WCDMA, Router network nodes.
21. Setting up Establishment phase including trials, first nodes and scripts.
22. Feature Introductions in the network.
23. Change request implementation.
24. License installation and corrective maintenance.
25. Trace collection.
26. Customer node acceptance.
27. Router Node configuration. Technologies used: Bash Scripting, Router CLI.
28. Integration of LTE, WCDMA, GSM network nodes.
29. Software deployment and upgrade.
30. Script Preparation in Bash and Mo-Shell for configuration automation.
31. Trouble shooting & Corrective maintenance in the network.
32. Network Synchronization implementation.