

Deepanshu Dhiman

DevOps Engineer

Seasoned professional with 2+ years of experience in supporting , automating and optimising mission critical deployments leveraging Configuration Management , CI/CD , DevOps processes in Telecom Domain.



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📍 Pathankot, India

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WORK EXPERIENCE

DevOps Engineer Tata Consultancy Services

06/2019 - Present

Gurgaon, Haryana, India

Achievements/Tasks

- 2+ yrs of experience in the telecom domain.
- Worked in various technologies like SDN/NFV, 4G-LTE ,5G Containerization, Virtualization etc.
- Responsible for containerization and automated deployment of apps written in GO, Python, AngularJS and NodeJS using Ansible, Bash-Script, Docker-compose .
- Worked in a team responsible for Integrating all the DevOps tools and help in building the complete DevOps infrastructure and maintaining it using Kubernetes.
- Worked in a team responsible for the building of the CI/CD pipelines using various tools like Git, Gitlab, Jenkins , SonarQube , Nexus, Docker , Ansible, Apache-Tomcat etc.
- Responsible for the deployment of various end to end opensource 4G/5G network solutions in containers using Docker, Docker- compose and Kubernetes.
- Worked on building the 4G/5G test case scenarios and performed them using tool like Spirent Landslide.

Tools Used: Docker, Kubernetes, Jenkins, Git, Gitlab, Ansible Nexus, SonarQube, Maven, Docker-Swarm , Openstack, OSM, OSTicket, Spirent-Landslide, free5gc, open5gs, .

EDUCATION

B.Tech in Electronics and Communication Guru Nanak Dev University

08/2015 - 06/2019

Amritsar, Punjab, India

Senior Secondary M.D.K Arya Sen. Sec. School

05/2014 - 05/2015

Pathankot, Punjab, India

SKILLS

CI / CD

Jenkins

Docker

Docker Swarm

Kubernetes

Ansible

Git

Gitlab

YAML

Open5gs

free5gc

4G

5G

Virtualbox

Nexus

GCP

OSTicket

Foswiki

HTML

JAVA(CORE)

PYTHON(CORE)

CSS

Spirent Landslide

PROJECTS

IBEX LAB (08/2020 - Present)

- Responsible for the containerization of the applications developed in Golang, Python , AngularJS and NodeJS using Docker-Compose.
- Responsible for automating the process of deployment of the full stack containerised application in Docker using Ansible playbooks , Bash-scripts and Docker-compose.
- Worked as a team responsible for Integrating all the DevOps tools and help in building the complete DevOps infrastructure.
- Tools used are - Jenkins, Kubernetes, Nexus, SonarQube, Maven, Git, Gitlab, Ansible, Docker, ELK, Prometheus, Grafana, OSTicket.

B24G (07/2019 - Present)

- Worked in the Production level Deployment of 4G nodes as VNFs on the Openstack environment, using OSM as orchestrator.
- Responsible for the Deployment of an end to end 5G network using free5gc/Open5GS as core and UERANSIM as the UE and RAN simulator tool.
- Working as a System integrator to deploy and manage various end to end 4G/5G network solutions and integrating them with the Spirent Landslide tool for various testing procedures.

LANGUAGES

Engilsh

Full Professional Proficiency

Hindi

Full Professional Proficiency

Punjabi

Full Professional Proficiency

INTERESTS

Travelling, Playing Sports , Sketching