

RAKSHAK B M

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*Enthusiastic engineer who possesses a good knowledge of python development, Linux, and Kubernetes.
A skilled team player with the ability to manage multiple priorities with a positive attitude.*

SKILLS

Computer: Python, Shell Scripting, Kubernetes, Docker, Linux, Jenkins, Groovy, GIT, OpenStack, VMWare, Terraform, Azure.

Language: Kannada, English.

WORK EXPERIENCE

NOKIA NETWORKS

R&D engineer

Bangalore, India

Aug2020-Present

We set the tools that used to facilitate Continuous Integration and Continuous Delivery (CICD) of our cloud offering of Subscriber Data Management Solution to Tier 1 telecom operators world-wide.

Responsibilities:

Active technical team member responsible for framework design and implementation.

Integrating CI framework with products like AUSF_UDM, HSS and HLR to qualify every code check-In to avoid fault injection.

Integrating CD framework to delivery builds to the customer qualifying it with sanity, regression, basic performance, and security tests in automated pipeline.

- Contributed to the development of E2E DevOps tool from build to sanity check.
 - Worked closely with the experienced Leads and architects in my team to understand the nuances of the existing system and implemented a new system with **agile scrum methodology** approach which dramatically improved one of our key performance indicators. The system was demonstrated to larger audience and subsequently moved into production.
- Developed Robot based test automated framework.
 - Automated deployment and execution framework for CCTF (CSF Common Test Framework) **CNF**.
- Developed DevOps deployment tool.
 - Developed deployment framework tool for CNF(UDM) deployment using **native helm**.
- Contributed to the implementation of **listener** interface for **ROBOT Framework** which intends to generate customized report ignoring the test tear down failures.
- Developed NSD files and **yang**-based data model for CNF (UDM and CCTF) application to deploy/upgrade/rollback **charts** using NCOM orchestrator.
- Expertise in implementing Continuous Integration with **git** and **Jenkins** and continuous deployments with **docker** and **Kubernetes**.
- Contributed to **CNF R&D** artifacts generation procedure.
- Guided student trainees.

NOKIA NETWORKS

Student Intern

Bangalore, India

Mar2020-Aug2020

- Developed automation script to deploy **VNF** (CSD) on **VMWare** environment.
- Improved a leading 5G product by developing scripts in **python**, resulting in a two-fold increase in efficiency.

EDUCATION

PES University

Bachelor of Technology Major Degree in ECE

Bangalore, India

Aug2016-July2020

- Secured 7.43 CGPA

PES University

Bachelor of Technology Minor Degree in CSE

Bangalore, India

Aug2017-July2018

Alva's PU College

Graduated with high honors in PCMC

Mangalore, India

June2014-Mar2016

- 90.16% (98.25% in Physics, Chemistry, Mathematics), KCET Rank: 1344

Christ School, Thandavapura

Secondary School Leaving Certificate

Nanjangudu, India

June2013-Apr2014

- Secured 83.52%

INTERESTS

Personal finance, Career development, Cricket, Astrophysics, Yoga, Farming.