


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

- Kubernetes
- Docker
- Python
- Jenkins
- Linux
- Shell Scripting



Work History

2020-08 - Current

R&D Engineer

Nokia Networks, Bangalore, Karnataka

We set the tools that used to facilitate Continuous Integration and Continuous Delivery (CI/CD) 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) 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.

2020-03 - 2020-08

Student Intern

Nokia Networks, Bangalore, Karnataka

- 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.

2016-08 - 2020-07



Education

Bachelor of Technology

Major in Electronics and Communication

PES University, Bangalore

Bachelor of Technology

Minor in Computer Science

PES University, Bangalore

Graduated with high honor in PCMC

Alva's PU College, Mangalore

2017-08 - 2018-07

2014-06 - 2016-04