

# RAKSHAK B M

+91-9036949234 | [linkedin.com/rakshakbm](https://www.linkedin.com/rakshakbm) | [rakshakbm@gmail.com](mailto:rakshakbm@gmail.com) | [website](#)

*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

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

Language: Kannada, English.

## WORK EXPERIENCE

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### 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) 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**

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### **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**

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