



# SARANG K

Devops Engineer

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## About Me

Worked as DevOps Engineer - Early Career Trainee at Baker Hughes, Kochi. Completed B.Tech in Information Technology. Gaining hands-on experience working in live project, contributing to development and deployment through automation, CI/CD pipelines, infrastructure management and cloud services, collaborating across teams to support agile delivery.

## Skills

- Devops
- Data Science
- AWS
- Github
- Linux
- Python, C
- Azure Devops
- Docker
- Frontend development
- Critical Thinking
- Problem Solving
- Communication

## Certifications

- IBM Skills Build Data Science Micro-internship
- NPTEL Online Certification-Python
- Docker for the Absolute Beginner - Hands On - DevOps - KodeKloud Training, Udemy
- DevOps, CI/CD for Beginners - Udemy
- Kaggle certification- Python

## Languages

- English
- Malayalam
- Hindi

## Work Experience

### Early Career Trainee - DevOps Engineer

2024 - 2025

#### Baker Hughes, Kochi

- Responsible for overseeing the build and deployment processes of organizational projects.
- Involved in the creation, configuration, and maintenance of CI/CD pipelines using GitHub Actions and Azure DevOps.
- Actively monitor build and release pipelines, addressing and resolving any build-related failures promptly.
- Contributed to DevSecOps practices by implementing enhanced security measures within CI/CD workflows.
- Developed automation scripts to streamline repetitive tasks, significantly reducing manual intervention and potential errors.
- Worked on GitHub Actions, AWS Ec2, Cloudformation, Azure Devops, PostgreSQL, Yaml, Bash.

## Projects

### IoT Based Water Quality Monitoring System

#### Internship + Final Project

- Working on deploying a citywide network of sensors
- To collect real-time data on water quality parameters
- Under the guidance of Cochin Smart Mission Limited(CSML)

### Interests Based Communication System

#### Mini Project

- A web-app Intend to connect people with similar interests
- Provide a platform for people to interact and upskill

### Event Reminder Mobile App

#### Mini Project

- Flutter app
- A personalized calendar app to mark and notify events

## Education

### BACHELOR OF TECHNOLOGY

2020 - 2024

School Of Engineering, CUSAT (CGPA: 9.12)

### HIGHER SECONDARY SCHOOL

2018 - 2020

Savio Higher Secondary School (Percentage: 96)

### SECONDARY SCHOOL

2017 - 2018

Silver Hills HSS (Grade: A+)