

# PRAGNA KATRAGADDA

+91 812324253 INDIA

[pragnakoff@gmail.com](mailto:pragnakoff@gmail.com) [GitHub](#) [LinkedIn](#)

## SUMMARY

A DevOps Engineer with a proven track record at SAP Labs, specializing in optimizing CI/CD pipelines, automating tasks with Python, and enhancing deployment efficiency. Skilled in Docker, Kubernetes, and related technologies, with a strong focus on productivity, security, and innovative problem-solving in fast-paced environments.

## EDUCATION

National Institute of Technology, Warangal 2019 - 2023  
BTech in, Electronics and Communications Engineering (ECE) Warangal, India  
CGPA, 7.99

## EXPERIENCE

### DevOps Associate Engineer

SAP Labs, Bengaluru, India July 2023 - Present

- Automated manual tasks with Python or Go or Shell scripting, boosting team productivity.
- Developed and implemented containerization strategies with Docker, Helm and Kubernetes, optimizing resource utilization and management.
- Improved code deployment efficiency by automating processes with CI/CD pipelines.
- Managed version control and mitigated security risks through vulnerability assessments during project lifecycles.

### SSD Validation Engineer Intern

Micron Technology, Hyderabad, India May 2022 - July 2022

- A SSD validation engineer, automating performance and black box testing

## SKILLS

**Technical Skills:** Python, Kubernetes, Docker, Azure DevOps (CI/CD), Shell Scripting, Helm, Java, C++, GoLang

**Soft Skill:** Adaptability, Teamwork, Multi-tasking, Time Management, Leadership

**Languages:** English, Telugu, Hindi, German (A2), Korean (A2)

## ACHIEVEMENTS AND CONTRIBUTIONS

CKAD, Linux Foundation Dec 2024

- Certified Kubernetes Application Developer with expertise in application design, deployment, observability, security, and networking.
- Proficient in container runtimes, microservice architecture, and validating Kubernetes resource definitions.

Designing and Implementing Microsoft DevOps solutions, Microsoft 2024

- Certified in implementing Azure DevOps to plan, develop, deliver, and monitor applications.
- Managing resources on the azure portal to maintain web applications.

Security Aware, Kubernetes Secure Code Warrior 2024

- To practice security measures in Kubernetes

Helm, Pluralsight 2024

- To master Helm, a package manager for Kubernetes, which simplifies the deployment and management of applications on Kubernetes clusters.

Python, Coursera 2022