

# Kallam Navyareddy

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## Profile

Enthusiastic Cloud & DevOps Engineer with hands-on experience in AWS, CI/CD pipelines, Docker, Kubernetes, and automation tools like Jenkins and Terraform. Skilled in deploying scalable applications, automating workflows, and streamlining software delivery processes.. Strong foundation in cloud infrastructure, version control, and containerization, with a focus on efficiency, reliability, and continuous improvement.

## Professional Experience

**DevOps Intern, Elevate Labs** 05/2025 – 06/2025

- Worked on CI/CD pipelines using tools like Jenkins and GitHub Actions.
- Gained hands-on experience with Docker, Kubernetes, and AWS services like EC2 and S3.
- Assisted in automating deployment processes and version control using Git.
- Completed the internship with a certificate of recognition.

## Education

**Bachelor of Technology (Btech) in Electronics and Communication Engineering,** Vignan's Nirula Institute of Technology and Science for Women 2020 – 2024  
CGPA: 8.17/10

## Skills

**Technical Skills**

- **Cloud Platform:** AWS (EC2, S3, RDS, Cloudwatch)
- **DevOps Tools:** Jenkins, Docker, Kubernetes, Terraform
- **Languages:** Python, SQL
- **Version Control:** Git, GitHub
- **Database:** MySQL
- **Operating Systems:** Linux, Ubuntu

## Projects

**CI/CD Pipeline Automation with GitHub Actions & Docker**  
Tools: GitHub Actions, Docker, AWS EC2, Git, Docker Hub

- Designed and implemented a complete CI/CD pipeline to automate building, testing, and deploying a Dockerized application.
- Automated Docker image builds and pushed images to Docker Hub upon successful tests.
- Deployed Docker containers on AWS EC2 instances, enabling continuous delivery with minimal manual intervention.
- Integrated Git version control and streamlined development workflows.

**Jenkins Pipeline for Automated Builds & Deployment**

- Developed and configured Jenkins pipelines to automate Java Maven build jobs and Docker image deployments.
- Integrated Jenkins with GitHub and Docker Hub to enable seamless CI/CD workflows.

## **Infrastructure Automation with Terraform on AWS**

- Used Terraform to provision and manage AWS infrastructure resources such as EC2 instances and S3 buckets.
- Automated infrastructure setup to ensure consistent and repeatable deployments.

## **Certificates**

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- **AWS Cloud Practitioner Essentials** – Amazon Web Services (AWS)
- **DevOps Internship Certificate** – Elevate Labs
- **Vlsi Intern certificate**-Skilldzure

## **Languages**

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- English – Professional Proficiency
- Telugu – Native
- Hindi – Basic

## **professional Skills**

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- Strong Communication Skills
- Problem Solving
- Team Collaboration
- Adaptability & Quick Learning
- Time Management
- Attention to Detail