

# AMIT PRASAD

## DevOps Engineer

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### Summary

DevOps Engineer with 4 years of expertise in Linux and Windows environments, specializing in containerization with Docker and Kubernetes and cloud platforms Azure and AWS. Proven track record in designing and optimizing CI/CD pipelines, enhancing system reliability, security, and automation to drive infrastructure efficiency. Skilled in integrating DevSecOps practices to ensure compliance and minimize vulnerabilities.

### Skills

Operating System: • Red Hat • SUSE • Ubuntu • Windows

Version Control: • Git/GitHub

Containerization Tools: • Docker • Kubernetes

Automation/Build Tools: • Maven • GitHub Actions • Ansible

Programming Languages: • C • C++ • Java

Virtualization • Citrix • VMWare • Hyper-V

Cloud: • AWS • Azure

Scripting language • Python • Shell

### Experience

#### Wipro Technologies

Hyderabad, India

#### Senior Project Engineer

05/2021 - Present

A global leader in technology services and consulting

- Managed infrastructure for enterprise-level client environments, achieving 99.9% system uptime and availability
- Developed Jenkins CI/CD pipelines, automating patching and configuration management, reducing manual intervention by 70%
- Remediated critical vulnerabilities across OS, database, and middleware layers using security tools and automation scripts
- Conducted regular security audits, identified risks, and communicated detailed vulnerability reports to IT Service Owners
- Troubleshoot Ansible playbooks for configuration management, enhancing deployment reliability and minimizing downtime
- Automated patching and compliance reporting for over 500 servers across multiple environments
- Collaborated with security and application teams to ensure adherence to best practices and policies
- Monitored infrastructure performance using Prometheus, Grafana, and custom scripts, maintaining optimal security posture

### Education

#### BITS Pilani

Hyderabad

#### Master of Technology

08/2022 - 12/2024

#### DSMS College of Management And Science

Durgapur

#### Bachelor of Computer Applications

08/2017 - 10/2020

### Projects

#### Implementation of DevSecOps

12/2024

Final year M.TECH Project

- Implemented automated security scanning using a **shift-left approach** during build pipelines.

#### An AI Job Agent

05/2025

Built an AI-powered agent to automate the end-to-end job application workflow.

- Developed a Streamlit UI to send personalized bulk cold emails to recruiters.