

# Ayush Srivastava

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## Summary

DevOps Engineer with expertise in cloud computing, CI / CD automation, containerization and security best practices. Dedicated to optimizing infrastructure and enhancing deployment pipelines for improved system efficiency and scalability. Passionate about driving team effectiveness and focusing on usability and performance improvements. Consistently delivers useful, efficient, and cost-effective projects, showcasing a hardworking nature as a software development professional.

## Experience

### Senior Software Engineer - DevOps, Vimaan Robotics

02/2025 – Present

- Managed and led a 2-person DevOps team, making key architectural decisions.
- Created in-house services from scratch to streamline internal processes.
- Updated legacy deployment code with optimizations, reducing deployment time significantly.
- Designed architectures to support innovative AI pipelines. Reducing the deployment time by 40%.

### DevOps Engineer, Vimaan Robotics

08/2023 – 01/2025

- Optimized CI/CD pipelines, reducing build times by 50% and deployment times by 70%.
- Implemented secure end-to-end CD pipelines, streamlining workflows and approvals.
- Led a company-wide overhaul of Vault secrets management.
- Developed Ansible playbooks for automated on-premise and cloud deployments.

### Jr. DevOps Engineer, Zemosolabs

07/2022 – 07/2023

- Automated infrastructure management using Terraform and GitHub Actions.
- Reduced CI/CD execution time by 50% and infrastructure costs by 15%.

### DevOps Intern, Zemosolabs

02/2022 – 06/2022

- Managed Kubernetes clusters with 99% uptime.
- Used Jenkins, Terraform, and AWS to reduce release times by 20%.
- Containerized monolithic applications into microservices for improved scalability.

## Education

### Kamla Nehru Institute of Technology, Sultanpur

Aug 2018 – June 2022 Bachelor of Technology in

Electrical Engineering — CGPA: 7.67

## Technical Skills

**Cloud:** AWS, GCP, Azure

**DevOps Tools:** Docker, Kubernetes, GitLab, Terraform, Ansible, Helm, GitHub Actions, Jenkins, Vault

**Monitoring:** Prometheus, Grafana, ELK Stack

**Programming:** Python, Bash, Golang, Java, SQL

## Certifications

AWS Certified Cloud Practitioner (CLF-C01)

## Projects

### Ethical Hacking Persistence

Bash, Linux, VirtualBox

- Automated persistence tasks for ethical hacking using Bash scripting.

### Self-Balancing Bipedal Robot

Arduino, Embedded C, GNU Octave

- Contributed to state-space modeling and micro-controller programming.

## Achievements

- Top 1% on TryHackMe (ethical hacking platform).
- Qualified UPSTSE 2017, a state-level scholarship exam.