

SHAHE ALAM

ASPIRING DEVOPS ENGINEER

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🐙 GitHub

👤 PROFESSIONAL SUMMARY

Motivated BCA student transitioning into **DevOps** with hands-on practice in **CI/CD**, **Containerization**, **Infrastructure as Code**, and **Cloud Platforms**. Quick learner, passionate about automation and building scalable systems. Seeking a DevOps internship to contribute and grow in a professional environment.

🔧 TECHNICAL SKILLS

DevOps Tools	Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, Ansible
Cloud & OS	AWS (EC2, S3, VPC, IAM), Linux (Ubuntu/Kali)
Scripting	Bash(Shell Scripting), Python
Monitoring	Prometheus, Grafana

📁 KEY PROJECTS

Automated MERN Deployment (CI/CD)

[View Repo →](#)

Docker • Jenkins • AWS EC2 • Nginx

- ▶ Containerized a full-stack MERN application using Docker, ensuring consistency across environments.
- ▶ Designed an automated Jenkins pipeline integrated with GitHub Actions for seamless Build & Deploy.
- ▶ Deployed the application on AWS EC2, configuring Nginx as a reverse proxy for security.

Infrastructure as Code using Terraform

[View Repo →](#)

Terraform • AWS VPC • S3 • DynamoDB

- ▶ Provisioned a complete, reproducible AWS infrastructure (VPC, Subnets, Security Groups) using Terraform.
- ▶ Implemented remote state management using S3 bucket and DynamoDB for state locking.

Kubernetes Cluster with Monitoring

[View Repo →](#)

Kubernetes • Minikube • Prometheus • Grafana

- Orchestrated a local Kubernetes cluster using Minikube and deployed a Node.js microservice.
- Integrated Prometheus and Grafana for real-time cluster monitoring (CPU, Memory).

EDUCATION



BCA

Seth Vishambhar Nath
Institute of Higher Studies -
Barabanki

Feb 2025



12th Grade

Sri Sai Inter College –
Barabanki

Jun 2021



10th Grade

Anand Vihar Convent Inter
College – Barabanki

Jun 2019

STRENGTHS & INTERESTS



Problem Solving



Quick Learner



Team Collaboration



Automation Mindset