SHAHE ALAM

ASPIRING DEVOPS ENGINEER

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👤 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**	🏫 **12th Grade**	📖 **10th Grade**
Seth Vishambhar Nath Institue of Higher Studies - Barabanki	Sri Sai Inter College – Barabanki	Anand Vihar Convent Inter College – Barabanki
Feb 2025	Jun 2021	Jun 2019

⭐ STRENGTHS & INTERESTS

🧩 Problem Solving　　⚡ Quick Learner　　👥 Team Collaboration　　🤖 Automation Mindset