

Saime Shaikh

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EDUCATION

Ajeenkya DY Patil University Lohegaon, Pune

Oct 2022 - May 2025

Bachelor of Technology Computer Science Engineering

Cloud Computing & Information Security CGPA : 6.92

(7th Sem)

Vidya Pratishthan's Polytechnic College, Indapur

May 2019 - June 2022

Diploma Computer Engineering: 72.80%

Skills

● Linux ● Git&GitHub ● Docker ● Kubernetes ● AWS ● Jenkins

Projects

MERN Travel Blog Website ([Link](#)):

- A simple MERN-based travel blog platform designed to share travel experiences while integrating DevOps practices for efficient deployment and monitoring.

Tech Stack

- React | Node.js | MongoDB | GitHub | Docker | Jenkins | ArgoCD | OWASP | SonarQube | Trivy | Redis | AWS EKS | Helm | Grafana & Prometheus.

Key Highlights:

- Automated CI/CD pipelines using Jenkins and Argo CD for seamless delivery.
- Secured applications with OWASP standards and Trivy vulnerability scans.
- Streamlined scalable deployments on AWS EKS with Helm and Kubernetes.
- Optimized system performance with Grafana and Prometheus monitoring.

Automated Deployment of Scalable Voting Applications ([Link](#)):

- Deployment of scalable applications on AWS EC2 using Kubernetes and Argo CD for streamlined management and continuous integration. Orchestrated deployments via Kubernetes dashboard, ensuring efficient resource utilization and seamless scaling.

Tech Stack:

- AWS EC2 | Kubernetes | Kubernetes Dashboard | HPA | Argo CD.

Key Highlights:

- Orchestrated Scalable AWS EC2 deployments using Kubernetes and Argo CD.
- Enhanced management via Kubernetes Dashboard for containerized apps.
- Achieved seamless scaling with HPA for optimal resource use.
- Ensured 99.9% uptime for critical applications.

Internships

Cloud Computing Internship ([Link](#))

June 5, 2024 – Aug 30, 2024

- During my internship at SmartED, I gained hands-on experience with a range of AWS cloud services, including Identity and Access Management (IAM), EC2 instances, Lambda functions, and Load Balancers. I developed a strong understanding of different cloud computing models such as Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS). Additionally, I explored virtualization concepts and their application in cloud environments. This experience significantly enhanced my knowledge of cloud technologies, which I believe will be highly beneficial in my career.