

# Sameer Anwaar Hussain

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## CLOUD & DEVOPS ENGINEER

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Proactive Cloud & DevOps Engineer skilled in designing scalable infrastructure, automating CI/CD workflows, and ensuring application reliability through cloud-native monitoring and deployment practices. **Certified in AWS Solutions Architect Associate and CompTIA Security+**, with real-world project experience deploying production-grade applications. Adept at solving complex technical problems, reducing downtime, and streamlining deployments using modern DevOps tooling.

### CORE SKILLS

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<b>Cloud &amp; DevOps:</b>	AWS (EC2, EKS, VPC, IAM, CloudWatch, S3), Terraform, Jenkins, GitHub Actions, Argo CD , Ansible
<b>Containers &amp; Orchestration:</b>	Docker, Kubernetes, Helm
<b>Monitoring &amp; Observability:</b>	Prometheus, Grafana, ELK Stack, Fluent Bit
<b>Security &amp; Testing:</b>	Trivy, SonarQube, OWASP ZAP, Dependency Check
<b>Scripting &amp; Automation:</b>	Python (Boto3), Bash/shell scripting
<b>Version Control &amp; Tools:</b>	Git, GitHub, Nexus Repository
<b>Soft Skills:</b>	Collaboration, Documentation, Troubleshooting, Continuous Learning

### CERTIFICATIONS

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<b>AWS Certified Solutions Architect Associate - SAA C03</b> ( <a href="#">VERIFY HERE</a> )	Dec '24
<b>CompTIA Security+ SY0 701</b> ( <a href="#">VERIFY HERE</a> )	Jul '24

### PROJECTS

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#### **Project 1: Enterprise-Grade CI/CD Pipeline with Zero Downtime on AWS EKS** [Link](#)

**Tools:** Jenkins, Kubernetes, Terraform, Nexus, SonarQube, Trivy, Docker, AWS EKS

- Built a resilient CI/CD pipeline to deploy Spring Boot applications using Blue-Green strategy on AWS EKS.
- Automated infrastructure provisioning via Terraform (VPCs, subnets, node groups).
- Integrated SonarQube & Trivy for real-time code and security scanning.
- Achieved **99.9% availability** for the application by leveraging Kubernetes service selectors for seamless traffic switching.

#### **Project 2: Cloud-Based Monitoring & Alerting Framework for Java Web App** [Link](#)

**Tools:** Prometheus, Grafana, Alert Manager, Node Exporter, Blackbox Exporter, Nginx

- Implemented complete monitoring stack for EC2-hosted app using Prometheus and Grafana.
- Set up exporters to monitor system metrics, uptime, and response times.
- Built custom alerts with Alert Manager and integrated with email for instant notifications.
- Enabled proactive issue detection and operational visibility

### EDUCATION

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<b>B. Tech in CSE(Cyber Security)</b> , St. Mary's Group of Institutions	2020-24 , HYD , INDIA
<b>Intermediate in MPC</b> , St. Joseph's Junior College	2018-20 , HYD , INDIA