



SYEEDA ZOONI

Cloud & DevOps Engineer

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SUMMARY

MCA student and AWS Certified Cloud Practitioner with hands-on experience building end-to-end CI/CD and deployment automation on AWS using Terraform, Jenkins, Ansible, and Kubernetes. Designed and operated a full canary/blue-green deployment pipeline across a multi-node AWS environment, integrating Prometheus and Grafana for observability. Strong foundation in Linux, networking, and IAM/security fundamentals for cloud systems. Seeking Cloud/DevOps internship and early-career opportunities to build and operate reliable, secure, and scalable engineering platforms.

TECHNICAL SKILLS

Cloud & DevOps: AWS (EC2, S3, VPC, IAM, DynamoDB, ECR), Terraform, Jenkins, Ansible, Docker, Kubernetes, Git, GitHub, Linux

CI/CD & IaC Practices: Infrastructure as Code, Pipeline-as-Code (Groovy), Canary & Blue-Green Deployments, CI/CD Automation (GitHub Actions), Remote State Locking, Configuration Management

Monitoring & Observability: Prometheus, Grafana

AI & LLM: LLM Agents, RAG (Retrieval-Augmented Generation), LangChain

Languages: Python (Advanced), C++ (Intermediate)

CS Fundamentals: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Networking, RDBMS

PROJECTS

PulseGuard — Canary & Blue-Green Deployment Pipeline | *Terraform · Ansible · Jenkins · Kubernetes · Docker · Prometheus · Grafana · AWS*

- Engineered a full canary deployment pipeline across four AWS EC2 instances, provisioning infrastructure with Terraform and automating configuration with Ansible for a repeatable, version-controlled environment.
- Orchestrated multi-stage Jenkins pipelines to build, containerize, and progressively roll out application versions on Kubernetes, enabling controlled canary and blue-green release strategies with rollback capability.
- Integrated Prometheus and Grafana to monitor deployment health and application metrics in real time, gating the promotion of canary releases and debugging cross-tool integration issues in the pipeline.

TJA Project — End-to-End CI/CD Pipeline on AWS | *Terraform · Jenkins · Ansible · AWS · Docker*

- Engineered a production-style CI/CD pipeline provisioning AWS infrastructure (VPC, EC2) via Terraform, using S3 remote state with DynamoDB locking to enable safe concurrent infrastructure changes.
- Built multi-stage Jenkins pipelines (Groovy) automating build, test, and deployment across a 3-node distributed lab (1 controller + 2 agent nodes), building and pushing containerized application images with Docker.
- Automated configuration management across agent nodes using Ansible, debugging inventory targeting and handler case-sensitivity issues in a real multi-node environment.
- Audited and remediated a credential-handling gap by migrating Docker Hub authentication from static environment variables to Jenkins' withCredentials binding, reducing secret-exposure risk.

Multi-Agent Stock Analysis App | *Python · OpenAI GPT-4o · Microsoft AutoGen · Docker · GCP*

- Containerized a multi-agent AI system with Docker and deployed it on Google Cloud Run via Cloud Build, setting up a production-style build-and-release workflow.
- Built the underlying multi-agent system using the Microsoft AutoGen framework to autonomously retrieve live market data and news for automated financial analysis reports.

CERTIFICATIONS

AWS Certified Cloud Practitioner — Amazon Web Services · Jenkins — DevOps Advanced Course · Introduction to AI and Machine Learning

EDUCATION

2025 – 2027 Master of Computer Applications — Amity University Online

2022 – 2025 Bachelor of Computer Applications — Chaudhary Charan Singh University (80%)

ACHIEVEMENTS

- Awarded Top Scorer in English (93%); ranked 2nd (82%) and 3rd (83.6%) in college across academic years
- Subject Topper — Computer Networks & Data Structures (86%), Statistics & Numerical Methods (88%)

Languages Spoken: English, Hindi, Urdu