

DEEPAK

Cloud & DevOps | AWS | Terraform | Docker | CI/CD

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Education

Master of Computer Applications (Cloud Computing), Expected 07/2027 – Chandigarh University

Bachelor of Computer Applications – 07/2025 – Himachal Pradesh University, Shimla

Professional Summary

Highly motivated MCA student (Expected 07/2027) with a strong foundation in Cloud Computing and DevOps. Hands-on experience deploying containerized and serverless applications on AWS and building automated infrastructure using Terraform and GitHub Actions. Adept in CI/CD, Linux, and Infrastructure as Code (IaC). Seeking an entry-level Cloud/DevOps role to leverage technical and problem-solving skills for impactful contributions.

Technical Skills

- AWS (Lambda, DynamoDB, CloudWatch, IAM, EC2, S3, VPC)
- Infrastructure as Code (Terraform, CloudFormation)
- Docker, Docker Compose, Kubernetes
- CI/CD (GitHub Actions)
- Networking & Monitoring
- Linux Administration
- Version Control (Git, GitHub)
- Cloud Security, Troubleshooting

Key Projects & Experience

Cloud-Native DevOps Portfolio Website

Built and deployed a personal portfolio website through a fully automated cloud-native pipeline using Terraform (IaC) on AWS. Implemented CI/CD practices with GitHub Actions and Docker for automated builds and deployments.

Fully Serverless Data Processing System (AWS)

Engineered a serverless data processing solution using AWS Lambda integrated with DynamoDB. Applied least-privilege IAM policies and used CloudWatch for real-time monitoring and logging.

Two-Tier Containerized Web Application Deployment

Developed and containerized a full-stack, two-tier web application using Docker. Managed multi-container networking and lifecycle through Docker Compose, ensuring scalable deployment.

Auto-Scalable and Self-Healing Cloud Application

Architected a cloud-native AWS application capable of automatic scaling and self-healing under load, fully managed via Infrastructure as Code.

Certifications & Badges

- Introduction to Linux – The Linux Foundation (Sep 2025)
- AWS Educate Web Builder – Amazon Web Services (Aug 2025)
- AWS Cloud Quest: Cloud Practitioner – Amazon Web Services (Sep 2025)
- Cloud DevOps – Intel (Oct 2025)