ANUJ KUMAR UPADHYAY

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Education

GLA University **August 2023 – June 2026**
Bachelor of Computer Application *Mathura, U.P*

Tiny Tots Inter College **March 2021 – April 2023**
Intermediate *Firozabad, U.P*

Experience

GeeksForGeeks **Oct 2024 – March 2025**
Technical Content Writer Intern *Remote*
- Published 11 technical articles on topics such as Web Development, Nodejs , and more, aimed at simplifying complex concepts for developers of all levels
- ***Link to Article Profile***

Projects

Cost Optimization Using Lambda Functions | *AWS Lambda, Python, Boto3, EC2, EBS* **April 2025**
- Using AWS Lambda and Python to automate the removal of 300+ obsolete EBS snapshots weekly, leading to a 15 percent decrease in cloud storage expenditures.
- Cross-verified EBS snapshots with running/stopped EC2 instances before deletion

Infrastructure as Code with Terraform on AWS | *Terraform, AWS (VPC, EC2, ALB, S3, SGs)* **March 2025**
- Built complete AWS infrastructure with VPC, subnets, security groups , route tables , ALB, EC2 across multiple AZs using Terraform .

CI/CD Pipeline for Java Application | *Jenkins, Maven, SonarQube, Argo CD, Kubernetes* **Feb 2025**
- Created an automated CI/CD pipeline with GitOps using ArgoCD, improving deployment efficiency by 70 percent .
- Integrated SonarQube, Docker image builds, and Helm-based Kubernetes deployment .

Tic Tac Toe Web App Deployment | *React, Docker, Kubernetes (Kind), Vite* **Jan 2025**
- Containerized using Docker for cross-platform deployment. Deployed 3 pods to a local Kubernetes cluster using Kind, based on my machine configuration.
- Configured pods and services for testing and orchestration, achieving zero downtime during development.

Rohit Upadhyay's Personal Website | *React, TypeScript, Vite, Appwrite, Vercel, Namecheap , Appwrite* **Jan 2025**
- Built and deployed a responsive personal portfolio and blog using React to my client .
- Configured custom domain via Namecheap with proper A and CNAME records for client .
- Deployed on Vercel with continuous deployment setup and optimized SEO to rank on Google's first page (search: "rohit upadhyay author").
- ***Website Link***

MegaBlog – Full-Stack Open Source Blogging Platform | *Javascript , Appwrite, Vite, TinyMCE* **Oct 2024**
- Developed a full-stack, responsive blogging platform with features like post creation, editing, category-based blog search, and OAuth authentication via Google and LinkedIn
- Open-sourced and actively maintained, inviting global developer contributions
- Selected as an official project in GSSoC EXT-24 and recognized among the Top 50 highest-contributed projects .
- ***Website Link***

Technical Skills

Languages: Python, JavaScript, Typescript
DevOps Tools: Jenkins, Docker, GitHub Actions, ArgoCD, Kubernetes, Helm
Cloud/Infra: AWS (EC2, Lambda, S3, VPC, ALB, EBS), Terraform
Technologies/Frameworks:: Linux , Reactjs, Nodejs, Expressjs, Appwrite

Certifications

- AWS Cloud Practitioner Essentials
- Full Stack Web Development-1.0 by PWSkills
- MongoDB Node.js Developer Path