

Amit Kumar

New Delhi, India | amitcloudx@gmail.com | 7296004984 | LinkedIn | GitHub | Hashnode

Summary

Passionate and results-driven B.Tech student specializing in Information Technology with hands-on experience in AWS Cloud, DevOps tools, and Infrastructure as Code. Demonstrated expertise in building scalable cloud solutions using services like EC2, S3, Lambda, and VPC, with automation via Terraform and Docker. Eager to contribute to real-world tech challenges with a strong focus on automation, performance, and continuous learning.

Education

Bachelor of Technology | Information Technology 2022 - 2026
Sharda University, Greater Noida, Uttar Pradesh, India

Technical Skill

Languages: C++, Java, Python, JavaScript

Cloud & Devops: Linux, AWS, Terraform, Docker, ShellScript, CI/CD

Tools/IDEs: Git/GitHub, Visual Studio, Eclipse, Docker, My SQL Workbench, Vim

Libraries/Frameworks: Pandas, STL

Databases: My SQL, DynamoDB, RDS

Projects

Chatbot Github

Tech Stack: Next.js, Node.js, SearxNG, Python, Boto3, Docker, Ollama, LLMs, REST API

- Constructed an AI-driven ChatBot based on Perplexity AI principles, offering users reliable and current information with citations; tool reduced repetitive inquiries by 25
- Leveraged SearxNG, a metasearch engine, to ensure privacy and deliver the latest information without relying on outdated embeddings.

Automating AWS Infrastructure Using Terraform Github

Tech Stack: Terraform, AWS (EC2, VPC, S3, ELB, IAM), Git

- Created reusable Terraform modules to deploy EC2 instances, Elastic Load Balancer VPCs, subnets, security groups, S3 buckets, and IAM roles.
- Improved deployment efficiency and reduced human error through full automation and infrastructure documentation.

Smart S3 Deployment Github

Tech Stack: Terraform, AWS (S3, CLOUDFRONT, IAM), Git

- Developed a robust infrastructure-as-code solution for deploying static websites on AWS S3 with CloudFront distribution.
- Implemented secure S3 bucket configuration with encryption and versioning
- Configured global content delivery through CloudFront with optimized caching

Achievements

I have Completed three NPTEL certifications, earned multiple AWS digital badges through Cloud Quest and Skill Builder and achieved a 3-star rating in SQL on HackerRank.

Coding Profiles

LeetCode

| GeeksforGeeks

| Coding Ninjas