Ayush Dubey

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Professional Summary

- Aspiring Cloud Engineer with hands-on experience in AWS core services like EC2, S3, IAM, and VPC.
- Skilled in deploying secure, scalable cloud infrastructure backed by projects and certifications.

Skills

- **Cloud:** AWS (EC2, S3, RDS, IAM, VPC, CloudWatch, Auto Scaling)
- **Cloud Automation:** Infrastructure as Code (IaC) using Terraform (basic proficiency)
- **Scripting/OS:** Bash, Linux
- **Tools:** Git, GitHub, VS Code
- **Languages:** HTML, CSS, Python
- **Coursework:** OOPs, Operating System, DBMS, Computer Networks

Projects

AWS Static Website Hosting   *Mar 2025 – Apr 2025*
Live Site • GitHub Repo

- Hosted a portfolio site on **Amazon S3**, configured static website settings and permissions.
- Used **CloudFront** for CDN delivery and HTTPS using default SSL (no custom domain).
- Planned **Route 53** integration, but used **CloudFront** URL to avoid domain cost as a student.
- Created and attached an **IAM user with S3 permissions** to follow AWS security best practices.

AWS 3-Tier Architecture Web App   *May 2025 (Ongoing)*

- Designed secure 3-tier architecture with EC2 Auto Scaling, RDS, and ALB.
- Configured private/public subnets, security groups, and NAT Gateway in VPC.

Certificates

- **AWS Cloud Practitioner Essentials**   *View Certificate*
  AWS Skill Builder   Feb 2025
- **AWS APAC Solutions Architecture Program**   *View Certificate*
  Forage   Dec 2024
- **Web Development Program - LearnFlu (AICTE)**   *View Certificate*
  LearnFlu   Jul–Sep 2024
- **Introduction to Generative AI**   *View Certificate*
  Google Cloud Skills Boost   Feb 2024

Education

- **Indian Institute of Information Technology Dharwad (IIIT-DWD)**   *CGPA: 6.29*
  B.Tech in Electronics and Communication Engineering   Aug 2021 – May 2025

Experience

- **Cloud Virtual Internship (Forage)**   *Remote*
  AWS APAC Solutions Architect Simulation   Dec 2024
  - Analyzed client requirements from simulated CEO emails to recommend tailored AWS solutions.
  - Matched business needs with AWS services (EC2, S3, IAM, RDS) for scalability and cost-efficiency.
  - Practiced architecture design, professional communication, and writing solution documentation.
  - Gained experience in solution ideation, decision-making, and trade-off analysis.

Achievements

- Selected for **AWS Cloud Quest: Cloud Practitioner** by **AWS Skill Builder**.
- Selected for the **Super 100 Program** by the **Haryana Government (2018–2020)** – among the **top 100 students** in the state chosen for this prestigious program to support **high-achieving students** from government schools who could not afford **IIT JEE/NEET coaching**. The selection process included scoring **80%+ in Class 10**, clearing a **two-level competitive exam**, and participating in a **5-day residential program** focused on **advanced academic concepts**.