

# Ayush Choudhary

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## SUMMARY

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AWS Certified Cloud Practitioner with a proven track record in building scalable cloud-native applications, reducing deployment times by up to 70%, and leading development teams. Skilled in AWS, Docker, Kubernetes, Terraform, and CI/CD automation.

## SKILLS

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Python, Linux, Docker, Kubernetes, Terraform, GitHub Actions, GitLab, Jenkins, PostgreSQL, MongoDB, AWS, FastAPI, React, Tailwind CSS

## PROJECTS

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**Scriptify — AI-Powered YouTube Video Summarizer** Docker Kubernetes GitLab CI/CD

- Built and deployed a full-stack web application integrating YouTube Data API with AI summarization to generate concise video summaries.
- Containerized frontend and backend with Docker; orchestrated multi-environment deployments using Kubernetes.
- Automated CI/CD in GitLab, reducing deployment time by **40%** and accelerating feature delivery.
- Optimized Kubernetes resource allocation, lowering infrastructure costs by **20%**.

**CareerVault-Serverless AWS Application** AWS Lambda API Gateway DynamoDB Terraform

- Designed and implemented a serverless job-tracking platform to monitor applications, analyze resumes with AI, and provide career insights.
- Built React + Tailwind CSS frontend and FastAPI backend; integrated Google Gemini API for automated resume analysis.
- Implemented AWS Cognito auth, DynamoDB storage, and an Application Load Balancer with Auto Scaling, achieving **99.9% uptime**.
- Automated infrastructure provisioning with Terraform, reducing manual deployment time by **70%**.
- Architected a cost-efficient, production-ready setup (approximately \$100/month) with secure access, auto-scaling, and real-time monitoring via CloudWatch.

## EDUCATION

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2024 – 2028 **Bachelor's in Computer Science and Engineering**, Dr. Akhilesh Das Gupta Institute of Professional Studies, New Delhi  
Top 1% in Computer Science and Engineering Department (9.4 CGPA)

## ACHIEVEMENTS

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- **AWS Certified Cloud Practitioner (CLF-C02)** — [Credential Verification](#)
- **Lead, Web Development — Geek Room Society (2024–Present)** — Managed society's web development initiatives, mentored junior developers, and delivered production-ready projects on time.