

# Gaurav Yadav

AWS ARCHITECT

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## CAREER SUMMARY

Motivated and detail-oriented AWS Solutions Architect – Associate with a strong foundation in cloud computing, infrastructure deployment, and automation. Proficient in designing scalable and cost-effective cloud solutions using AWS services like EC2, S3, RDS, Lambda, and VPC. Passionate about leveraging Infrastructure as Code (IaC) with Terraform & CloudFormation to automate cloud environments. Seeking an opportunity to apply cloud expertise in a dynamic and collaborative environment.

## EDUCATION AND CERTIFICATION

Bachelor in Technology (CSE)   Dronacharya College of Engineering	2022-2026
AWS Solution Architect   Ducat	2024
Data Structure and Algorithm Certified from IIT Bombay	2025

## TECHNICAL SKILLS

Cloud Services: AWS EC2, S3, RDS, Lambda, VPC, IAM, Route 53, CloudFront  
DevOps & Automation: Terraform, CloudFormation, AWS CLI, Git  
Networking & Security: VPC, Security Groups, IAM, AWS Shield, KMS  
Monitoring & Logging: AWS CloudWatch, AWS X-Ray, AWS Config  
Databases: RDS (MySQL/PostgreSQL), DynamoDB  
Scripting & Programming: Python, Bash  
CI/CD Tools: AWS CodePipeline, CodeBuild, CodeDeploy

## PROJECTS

<b>Serverless Web Application Deployment on AWS</b>	Jan 2025- Feb 2025
<b>Tech Stack:</b> AWS Lambda, API Gateway, DynamoDB, S3, CloudFront, IAM	
<ul style="list-style-type: none"><li>Built a serverless web app using AWS Lambda and API Gateway.</li><li>Used DynamoDB for database storage and integrated S3 + CloudFront for frontend hosting.</li><li>Implemented IAM roles &amp; policies for secure access.</li><li>Monitored logs using AWS CloudWatch</li></ul>	
<b>Key Outcome:</b> Reduced operational cost by 40% using a fully serverless approach.	
<b>Scalable &amp; Secure WordPress Deployment on AWS</b>	Oct 2024 – Dec 2024
<b>Tech Stack:</b> EC2, RDS, VPC, ALB, Route 53, IAM, CloudWatch	
<ul style="list-style-type: none"><li>Deployed WordPress on an EC2 instance with an RDS MySQL database.</li><li>Designed a high-availability architecture using Auto Scaling &amp; Load Balancer (ALB).</li><li>Configured VPC, Security Groups, and IAM for network security.</li><li>Implemented CloudWatch monitoring &amp; Route 53 DNS management.</li></ul>	
<b>Key Outcome:</b> Achieved 99.9% uptime and improved website performance.	