

# Vivek Sati

AWS DevOps Engineer

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## Profile

Certified AWS DevOps Engineer with hands-on experience designing, automating, & maintaining scalable cloud infrastructures. Proficient in AWS services (EC2, S3, VPC, CloudFront), CI/CD tools (Jenkins, GitHub Actions), & containerization (Docker, Kubernetes). Proven success in reducing deployment errors, optimizing infrastructure costs & enhancing security in production environments.

## Professional Experience

### Cloud Engineer, Digital Hub Solutions

09/2024 – present

- Administered and monitored AWS & Windows-based servers, ensuring high availability, performance, and proactive issue resolution.
- Set up automated daily backups to AWS S3 using Iperius, improving data retention efficiency and reducing manual effort by 87%.
- Implemented S3 lifecycle rules to automate data transitions and deletions, reducing storage costs by approximately 79%.

### AWS Intern, Coding Ninjas

06/2024 – 08/2024

- Assisted in deploying applications on AWS using EC2, S3, CloudFront, and configured IAM roles and VPC settings.
- Monitored AWS resources using CloudWatch and helped optimize costs by identifying underutilized EC2 and S3 instances.

### AWS DevOps Engineer, Incloudo

07/2023 – 12/2023

- Automated deployment pipelines using Jenkins and GitHub Actions, improving delivery speed by 40%.
- Designed and deployed fault-tolerant cloud architectures using EC2, S3, ELB, and VPC, reducing downtime by 25%.
- Hardened Linux servers with CLI-based tools, improving system security and reducing vulnerabilities by 82%.

## Education

**Bachelors of Technology, CSE**      **2020-2024,**  
Graphic Era Hill University, Dehradun      CGPA : 8.0

## Skills

### Technical Skills

Java, SQL, Python, Git/GitHub, Jenkins, Apache Tomcat, Docker, Maven, HTML, CSS

### Tools and Frameworks

Latex, VS Code, IntelliJ IDEA, Eclipse IDE, Jupyter Notebook, Iperius backup

### AWS

EC2, S3, IAM, VPC, Route 53, Lambda, WAF, Cloudfront, Cloudwatch, Cloudformation, RDS

## Projects

### Cloud Resume Challenge, 12/2023- 2/2024 [🔗](#)

- Deployed resume on AWS S3 and distributed on Cloudfront with a custom domain with SSL Certificate for HTTPS
- Integrated a serverless visitor counter using AWS Lambda, API Gateway and DynamoDB
- Set up CI/CD pipeline using GitHub Actions for continuous updates

### Pipeline as a Code, 03/2023 - 04/2023

- Implemented a Jenkins Maven Project based on Pipeline as a Code on the tomcat server
- Configured Slack notifications for different stages of the pipeline

### Cost Optimization AWS | Lambda, 01/25 - 02/25

- Created Cloudwatch solution to identify and remove stale EBS snapshots, cutting costs.

## Certificates

- AWS Certified Cloud Practitioner [🔗](#)
- AWS Academy Cloud Solutions Architect [🔗](#)
- CISCO Networking Essentials