

RESUME

VISHWARAJ KUMAR

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Professional Summary

Motivated and detail-oriented aspiring Cloud Engineer with a strong foundation in cloud computing, certified by AWS and trained through the AWS re/Start program. Experienced in deploying and managing cloud infrastructure using **AWS** services like **EC2, S3, RDS**, and **CloudFormation**. Proficient in **DevOps tools** like **Docker** and **Kubernetes** for containerization and application deployment. Adept at automating processes and implementing security best practices. A fast learner, team player, and eager to contribute to innovative IT environments while continuously growing as a cloud and DevOps professional.

Educational Qualification

- **B.Tech in Aeronautical Engineering** - PM College of Engineering (DCRUST, Sonipat, Haryana) | 2021 | CGPA: 7.37/10 | **Percentage: 70%**
- **Diploma in Mechanical Engineering** - CRRIT, Delhi | 2018 | **Percentage: 67.31%**
- **High School (10th)** - Sarvodaya Bal Vidyalaya, Delhi | 2015 | **Percentage: 62.7%**

Certifications

- AWS Certified Cloud Practitioner
 - ◆ Date Earned: October 5, 2024
 - ◆ Validation Number: 3c195d5199504f6988e37198f927cada
 - ◆ Verify: <https://aws.amazon.com/verification>
- AWS re/Start Program Graduate

Technical Skills

- Cloud Platforms: AWS (EC2, S3, Lambda, RDS)
- Programming Languages: Python, Bash scripting
- Infrastructure as Code: AWS CloudFormation
- Version Control Systems: Git, GitHub

- Operating Systems: Linux (Ubuntu), Windows
- Networking & Security: VPC setup, IAM roles, Security Groups, MFA, Encryption
- DevOps Tools (basic): Docker (images, containers creation, deletion, and management), Kubernetes (app deployment), CI/CD concepts, automation
- Soft Skills: Communication, Teamwork, Problem-Solving, Quick Learner

Projects

• Kubernetes Deployment for DevOps Assignment

- Deployed a simple "Hello World" app on a local Kubernetes cluster using NGINX.
- Built a custom Docker image and loaded it into a Kind Kubernetes cluster.
- Created and applied Kubernetes deployment and service manifests for app exposure via NodePort and port forwarding.
- **GitHub Repo:** <https://github.com/vishwaraj-kumar/xivtech-kubernetes-devops-assignment>

• Static Website Hosting on S3

- Hosted a static website using Amazon S3 with public access configuration.
- Configured bucket policies and enabled versioning.
- Integrated CloudFront for faster content delivery.
- **GitHub Repo:** <https://github.com/vishwaraj-kumar/aws-s3-static-website-hosting>

• EC2 Web Server Deployment

- Launched an AWS EC2 instance and configured Apache web server.
- Set up security groups, SSH access, and assigned an Elastic IP.
- Deployed a sample website and ensured high availability.
- **GitHub Repo:** <https://github.com/vishwaraj-kumar/ec2-web-server-deployment>

• AWS IAM User Management System

- Created and managed IAM users, groups, and roles with least privilege access.
- Implemented MFA (Multi-Factor Authentication) for enhanced security.
- Configured IAM policies to restrict access based on user roles.
- **GitHub Repo:** <https://github.com/vishwaraj-kumar/aws-iam-user-management-system>

• AWS CloudFormation for Infrastructure as Code

- Deployed cloud infrastructure using AWS CloudFormation templates.
- Automated provisioning of EC2 instances, S3 buckets, and RDS databases.
- Managed infrastructure changes with version-controlled templates.
- **GitHub Repo:** <https://github.com/vishwaraj-kumar/aws-cloudformation-infrastructure-as-code>

Languages

- English (Fluent)
- Hindi

Hobbies

- Listening to Music
- Playing Mobile/PC Games