

Vansh Padia

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Summary

Passionate DevOps Engineer with expertise in cloud automation, security, and scalable architectures. Enthusiastic about solving complex infrastructure challenges and continuously learning new technologies to optimize performance.

TECHNICAL SKILLS

Programming & Scripting: Python, JavaScript, C, C++, HTML, CSS

Networking: VPC, Subnets, Route Tables, TCP/IP, DNS, HTTP

Cloud & DevOps: AWS (EC2, S3, RDS, VPC, IAM, Cognito, Lambda, ECS, DynamoDB, CloudWatch, OpenSearch, Redshift, API Gateway, EventBridge), Terraform, CloudFormation, Ansible, Docker, Kubernetes, Jenkins, GitHub Actions, GitLab CI/CD

Database Management: MySQL, PostgreSQL, DynamoDB, Redshift

Authentication & Security: JWT, OAuth2, Amazon Cognito, SSL/TLS, Linux Administration

Web Development: React.js, Flask, Django, Node.js

Version Control: Git, GitHub, GitLab

Backend & APIs: RESTful APIs

Testing & Debugging: Postman

Other Tools: Nginx, Apache

EXPERIENCE

Trainee Engineer (DevOps)

Impressico Business Solutions

September 2024 – Present

Noida, India

- ✓ Automated infrastructure deployment, reducing provisioning time by **40%** using Terraform and Ansible
- ✓ Improved CI/CD pipeline efficiency, decreasing deployment time by **30%** with Jenkins and GitHub Actions
- ✓ Optimized AWS resource utilization, reducing cloud expenses by **20%** through cost monitoring strategies
- ✓ Managed Kubernetes clusters for scalable and high-availability applications

Intern (Development)

Impressico Business Solutions

June 2024 – September 2024

Noida, India

- ✓ Developed and maintained web applications using **Python, Django, React, and Node.js**, improving internal workflows
- ✓ Deployed and managed AWS infrastructure, automating processes and reducing manual workload by **50%**
- ✓ Designed and implemented a multi-tier AWS architecture using **EC2, S3, RDS, Lambda**, reducing system downtime by **35%**
- ✓ Designed and implemented RESTful APIs, improving system performance and reducing latency by **15%**

PROJECTS

• Ansible Infrastructure Automation

Ansible, Jenkins, Cloud Infrastructure

- > Automated infrastructure setup using Ansible playbooks
- > Configured Jenkins pipelines for deployment and management

• ECS-WordPress Deployment

AWS ECS, Docker, Terraform

- > Built and deployed WordPress using Amazon ECS and Docker

- > Automated scaling and security configurations for production readiness
- **Jenkins on AWS**
AWS, CloudFormation, EC2, VPC
 - > Provisioned complete Jenkins environment with networking setup
 - > Configured security groups and IAM roles for secure access
- **RDS Infrastructure**
AWS RDS, CloudFormation, VPC
 - > Deployed RDS with private networking and a jump host for secure access
 - > Automated database provisioning using infrastructure as code
- **S3 Static Web Hosting**
AWS S3, CloudFront, Route 53
 - > Configured S3 for static site hosting with CloudFront CDN
 - > Automated DNS setup using Route 53
- **AWS OpenSearch Setup**
AWS OpenSearch, CloudFormation, EC2
 - > Deployed OpenSearch cluster for centralized logging
 - > Configured Tomcat on EC2 for log generation and analysis
- **Lambda OpenSearch Log Management**
AWS Lambda, OpenSearch, CloudFormation
 - > Designed serverless solution for efficient log management
 - > Optimized storage by implementing log retention policies
- **OpenVPN Setup**
OpenVPN, SSL/TLS, Linux
 - > Configured OpenVPN for secure remote access
 - > Implemented SSL/TLS encryption for data security

EDUCATION

Bachelor of Commerce

Ambaba Commerce College

2021 – 2024

Surat, Gujarat

- Specialized in Financial Management and Business Information Systems, graduating with **Second Class**
- Participated actively in the college's Technical Club, organizing workshops on emerging technologies

COURSES & TRAINING

Diploma in Cyber Security

IIHT Computer Education

2021 – 2023

Surat, Gujarat

- 🔒 Cybersecurity for physical and digital networks
- 🔒 Expertise in routers, switches, and network security
- 🔒 Programming: Python, JavaScript, HTML, C++

AWS Solutions Architect

Xmetric Solutions

2024

Online

- ☁ Scalable and fault-tolerant system design on AWS
- ☁ Hands-on experience with EC2, S3, RDS, Lambda, DynamoDB
- ☁ Secure deployment using AWS CloudFormation

Beginning Bash Scripting

Udemy

2024

Online

- 🔗 Fundamentals of Bash scripting
- 🔗 Automating tasks and writing custom scripts
- 🔗 Basic cybersecurity concepts using Bash

SOFT SKILLS

- 🔗 Problem-Solving
- 🕒 Time Management
- 🔍 Attention to Detail
- 📊 Analytical Thinking

- 👥 Team Collaboration
- 🔄 Adaptability
- 🔗 Flexibility
- 🎓 Continuous Learning

- 💬 Communication
- 🧠 Critical Thinking
- 🗣️ Presentation Skills
- 👉 Initiative & Proactivity

CERTIFICATIONS

Computer Hardware Basics

Cisco

2023

Online

Beginning Bash Scripting

Udemy

2024

Online