

# Vaishnavi Buradkar

Cloud Engineer

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## SUMMARY

Detail-oriented and proactive **Cloud Engineer** and Devops enthusiast with 3.7 years of experience in cloud operations, infrastructure automation, and system administration. Skilled in managing AWS environments, optimizing system performance, automating deployments using Ansible, Terraform, and CI/CD pipelines. Proficient in Docker, Kubernetes, Linux administration, and scripting with Bash and Python. Passionate about driving operational efficiency and cloud security through innovative solutions.

## WORK HISTORY

### Associate Consultant/Cloud Engineer, CAPGEMINI, Pune, India

Dec 2020 - Aug 2024

- Utilized Ansible, Git, and Linux for system management, automation, and configuration tasks
- Monitored system performance, managed user permissions, and conducted software installations and updates
- Performed basic troubleshooting and developed Shell scripts to automate routine administrative tasks
- Managed incidents and service requests, troubleshooting issues on Azure, Exchange, and Active Directory platforms
- Participated in client calls to resolve complex technical issues, providing clear communication and effective problem-solving
- Directed and mentored a team, ensuring project deliverables were met on time and aligned with client expectations
- Configured CI/CD system with Jenkins on Kubernetes container environment, utilizing Kubernetes and Docker for the runtime environment for the CI/CD system to build and test and deploy.

## EDUCATION

### Government College of Engineering Chandrapur, Chandrapur, India - Bachelor's, Computer Science And Engineering - GPA: 8.37

Jun 2016 - Jun 2020

- Core Courses: Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management Systems, Cloud Computing.
- Academic Projects: Developed a mini-project on "Online Hotel Management System" and a major project on "Machine Learning-based Disease Prediction System"

## CERTIFICATIONS

### AWS Cloud solution Architect Associate Level, Amazon

Mar 2024

## PROJECTS

### AWS resource usage reporting

- Developed Shell scripts that improved resource usage tracking by 15% and helped reduce AWS operational costs by 20%.

### Deployment of Node.js Application

- Deployed on AWS EC2 with auto-scaling setup.

### Infrastructure as Code (IaC) with Terraform for AWS

- Built an automated AWS cloud environment including VPCs, subnets, EC2, and RDS using reusable Terraform modules, reducing deployment errors by 60%.

### Kubernetes Cluster Setup and Microservices Deployment

- Deployed a production-ready Kubernetes cluster using KOPS on AWS. Managed microservices with Helm charts, ConfigMaps, Secrets, and achieved zero downtime rolling updates.

### Python Automation for Cloud Resource Management

- Developing Python automation scripts using boto3 for EC2, S3, and IAM management. Automated daily monitoring with Linux CRON, increasing operational efficiency by 45%.

### Kubernetes Monitoring and Alerting with Prometheus and Grafana

- Set up Prometheus scraping and Grafana dashboards for Kubernetes cluster monitoring. Automated alerting via Alertmanager, reducing incident response time by 40%.

**SKILLS**

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<b>Cloud Technologies</b>	: AWS
<b>Infrastructure Management</b>	: Terraform
<b>Continuous Integration/Continuous Deployment</b>	: Ansible, Jenkins, Maven
<b>Version Control</b>	: Git/GitHub
<b>Containerization and Orchestration</b>	: Docker, Kubernetes
<b>OS</b>	: Linux
<b>Language</b>	: Python