

Vaibhav Gayakwad

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Professional Summary

Cloud Computing and DevOps professional with hands-on experience in designing, automating, and optimizing cloud infrastructure using AWS, Docker, Kubernetes, Terraform, and CI/CD pipelines. Passionate about building scalable, secure, and cost-efficient cloud solutions while improving deployment efficiency. Strong problem-solving skills with a keen interest in automation and cloud security.

Skills & Technologies

- **Cloud Platforms:** AWS (EC2, S3, IAM, VPC, Lambda, RDS, CloudFormation)
- **Containerization & Orchestration:** Docker, Kubernetes
- **Infrastructure as Code (IaC):** Terraform, CloudFormation, Ansible
- **CI/CD & Automation:** Jenkins, GitHub Actions, Terraform
- **Monitoring & Logging:** AWS CloudWatch, Prometheus, Grafana
- **Scripting & Programming:** Python, Shell Scripting, Bash
- **Version Control & Collaboration:** Git, GitHub
- **Networking & Security:** VPC, Security Groups, IAM, SSL/TLS

Projects

- **AWS Auto-Scaling Web App**
Designed and deployed a scalable web application using AWS services such as EC2, Application Load Balancer (ALB), and Auto Scaling. Automated infrastructure provisioning and configuration management using Terraform and Ansible to ensure high availability and fault tolerance.
- **CI/CD Pipeline with Jenkins & Docker**
Developed a robust CI/CD pipeline integrating Jenkins, Docker, Kubernetes, and GitHub Actions. Automated the build, test, and deployment process for containerized applications, ensuring faster and more reliable software delivery.
- **S3 Bucket List Viewer (Boto3)**
Created a Python-based tool using Boto3 to retrieve and display AWS S3 bucket metadata, including creation date, region, and storage class. Improved cloud resource visibility and management through automated data retrieval.
- **Serverless API with AWS Lambda**
Developed a cost-efficient and scalable REST API using AWS Lambda, API Gateway, and DynamoDB. Optimized performance by implementing event-driven architecture and automatic scaling, reducing operational overhead.

Internships & Training

- **Cloud & DevOps Internship** - Fortune Cloud Technologies
 - Assisted in deploying applications on AWS using Terraform and Kubernetes.
 - Worked on CI/CD pipelines with Jenkins & Docker.

Certifications

- **MCA** (Master in Cloud Architect with **AWS & DevOps**)

Education

BCA (Bachelor of Computer Application), Dr. Babasaheb Ambedkar Marathwada University (BAMU)
2024 | **Relevant Coursework:** Computer System, Computer Networking & Internet, Operating Systems.