

JINESH ABHAY SINGATKAR

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SUMMARY

Enthusiastic and self-driven DevOps Engineer with hands-on experience in AWS, Docker, GitHub Actions, Linux scripting, and Infrastructure as Code using Terraform. Adept at automating infrastructure, streamlining deployments, and managing scalable cloud environments. Eager to contribute to high-performing DevOps teams while continuously enhancing skills in automation, cloud, and CI/CD.

SKILLS

Languages & Scripting: Python, Bash, JavaScript, SQL

Cloud & DevOps Tools:

- AWS: EC2, S3, VPC, IAM, CloudFront, ACM
- Automation: GitHub Actions, Docker, Terraform, AWS CLI
- Infrastructure: Linux (Ubuntu, CentOS), Git, GitHub, Shell Scripting

Concepts: CI/CD, Infrastructure as Code (IaC), System Monitoring, Server Management, Agile Practices

Soft Skills: Leadership, Strong communicator, quick learner, and effective team collaborator

Tools: Visual Studio Code, Postman, Docker CLI, AWS CLI, Cloud9

PROJECTS

Linux Server Health Monitoring Script

- Created a Bash script to monitor CPU, memory, disk usage, and running processes.
- Automated periodic health checks and alert logs using cron jobs.
- Improved server observability by 80% by reducing manual interventions.

Static Website Hosting on AWS

- Hosted a static portfolio website using S3 and distributed via CloudFront.
- Configured SSL certificates (ACM), public access policies, and IAM roles.
- Integrated GitHub Actions for automated deployment.
- Set up a custom VPC for secure backend networking.

LAMP Stack Deployment on EC2

- Provisioned and configured EC2 instances inside a custom VPC with public/private subnets.
- Automated Apache, MySQL, and PHP installation using shell scripting.
- Managed SSH access, security groups, and system updates securely.

CI/CD Pipeline with GitHub Actions and Docker

- Developed a CI/CD pipeline for a Node.js application using GitHub Actions.
- Dockerized the app and pushed container images to DockerHub.
- Automated deployment to an EC2 instance, triggered on Git push events.

AWS Infrastructure Automation with Terraform

- Wrote Terraform code to provision complete AWS infrastructure: VPC, subnets, EC2, and security groups.
 - Applied modular, reusable `.tf` code using variable files.
 - Used Git for version control and lifecycle operations (apply, destroy).
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EDUCATION

Master of Computer Applications (MCA)

Sinhgad Institute of Management, Pune | 2022 – 2024 | CGPA: 8.09 (74.21%)

B.Sc. in Computer Science

ACS College Navapur | 2019 – 2022 | Percentage: 86.85%

CERTIFICATIONS & ACHIEVEMENTS

- AWS Certified Cloud Practitioner – [View](#)