Pune, Maharashtra

DEEPAKKUMAR RATHOUR

AWS | DevOps | Linux | Terraform | Ansible | Git | GitHub | Docker | K8s | Shell | Ci/CD Pipeline

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Summary: DevOps Engineer with 6 months of hands-on internship experience in AWS, Linux, Terraform, Ansible, Docker, Kubernetes, and Jenkins. Skilled in CI/CD pipelines, automation with Shell scripting, and Infrastructure as Code. Strong problem-solving and collaborative mindset with a passion for scalable cloud solutions.

Skills:

Technical Skills: AWS Cloud, Linux, Ansible, Terraform, Shell scripting, DevOps tools, Docker, Kubernetes, Jenkins, CI/CD Pipeline, Git, GitHub, Infrastructure Automation, Azure (App Service, CI/CD, Publish Profiles), Prometheus with Grafana, CloudWatch, ArgoCD.

Professional Skills: Problem-Solving, Collaborative abilities, Adaptability, Communication, Attention to Details, Leadership skills.

Education:

Dr. Babasaheb Ambedkar Technological University Lonere (DBATU) 2021-2024 B.Tech, Computer Science and Engineering.

CGPA - 8.36

Maharashtra State Board of Technical Education 2019-2021 Diploma in Engineering, Electronics Engineering 93.56 %

Key Achivements:

- Increased Deployment Efficiency Improved deployment speed by 30% through Dockerized Log Analyzer Tool.
- Facilitated Team Collaboration Improved team collaboration by 25% with shared Terraform state management.
- **Automated Cloud Provisioning** Reduced manual provisioning by 40% using AWS CloudFormation.
- **Optimized Storage Solution** Lowered infrastructure costs by 20% with automated file archiving.

Experience:

CoreXtech IT Services Pvt Ltd.

Remote

Cloud Engineer Intern

Feb 2025 – Jul 2025

- · Assisted in designing and deploying AWS infrastructure (EC2, S3, IAM, VPC, RDS), supporting VM setup, security group configurations, and implementing cloud security best practices (least privilege access, encryption, secure networking).
- Automate infrastructure provisioning with Terraform & CloudFormation, reducing manual setup by 40%, and gained hands-on experience in IAM roles, policies, and permissions for secure resource management.
- · Monitored performance and resource utilization with Amazon CloudWatch, identifying issues, while contributing to team meetings, documentation, and knowledge sharing for effective project tracking.

Corestance Technology Pvt Ltd.

Remote

Frontend Developer

Mar 2024 - Sep 2024

 Developed responsive, cross-browser websites using HTML, CSS, JavaScript, Bootstrap, and Tailwind CSS, optimizing layouts for mobile/desktop to enhance performance, usability, and reduce costs.

Projects:

1. NGINX Deployment on AWS ECS Fargate.

AWS | ECS | Fargate

- · Hosted a containerized NGINX application on AWS ECS Fargate, creating task definitions, clusters, and services to demonstrate scalable, serverless container deployment without managing EC2 instances.
- 2. Deploying a Containerized Application on Amazon EKS using Ingress and AWS Load Balancer Controller | Link ↗

AWS | EKS | Kubernetes | Fargate | Ingress | ALB | IAM | Helm | CI/CD | Cloud Infrastructure | DevOps **Practices**

- · Deployed a containerized 2048 game application on Amazon EKS using AWS Fargate for serverless Kubernetes workloads.
- Configured Kubernetes manifests Namespace, Deployment, Service, and Ingress to automate application deployment and networking.
- · Implemented Ingress-based routing with the AWS Load Balancer Controller for secure and costefficient external access through Application Load Balancer (ALB).
- Integrated IAM OIDC and service accounts for fine-grained access control between AWS and Kubernetes.
- Utilized Helm, kubectl, and AWS CLI for cluster setup, configuration, and resource management.
- 3. Provisioning AWS resources using AWS CloudFormation. AWS | CloudFormation
 - Automated infrastructure provisioning with AWS CloudFormation, deploying scalable resources (EC2, S3, IAM, VPC) using modular, parameterized IaC templates to improve consistency, efficiency, and reduce manual configuration.
- 4. Automated Large File Archival System. | Link 7

Linux | Shell Scripting | AWS EC2

· Developed and automated a shell script for large file compression & archival, scheduled via cron to optimize storage, reduce infrastructure costs, and eliminate manual overhead.

Deepakkumar Rathour

Date: