WAHEED UZ ZAMA

DevOps Engineer

+91 8660628073

zamawaheed1506@gmail.com

Sadashiva Nagar, Tumkur, Karnataka

SUMMARY

Resourceful DevOps Engineer with a strong background in Linux administration, cloud computing, and containerization. Proficient in creating optimized deployment strategies and supporting complex on-premise and cloud-based applications for scientific and enterprise computing environments. Skilled at solving technical challenges, collaborating with cross-functional teams, and ensuring seamless integrations and system reliability. Possess a passion for scientific computing and a commitment to customer success, with experience in both small on-premise setups and high-performance computing (HPC) environments.

EDUCATION

Sri Siddhartha Institute Of Technology

Bachelor's Of Engineering
2017 - 2021

KEY SKILLS

- Cloud Platforms: AWS (IAM, VPC, ECR, EKS, Code Commit, Code Build, Code Pipeline, EKS, EC2, S3, Lambda, CloudFront, RDS, CloudFormation, Redshift).
- CI/CD Tools: Jenkins, AWS Code Pipeline.
- Programming & Scripting: Python, Bash, Shell Scripting, YAML.
- Infrastructure as Code: Terraform.
- Containerization & Orchestration: Docker, Kubernetes.
- Monitoring & Logging: Prometheus, Grafana.
- Version Control: Git, BitBucket
- Database Management: SQL
- Operating System: RedHat Linux, Ubuntu, CentOS.

PROFESSIONAL EXPERIENCE

DevOps & Cloud Engineer

Minfy Technologies | Sep 2022 - Present

- Infrastructure Management: Designed and architected scalable infrastructure solutions using AWS services like EC2, VPC, S3, and RDS, improving application performance and reliability.
- Deployment and Automation: Mastered provisioning and configuration of infrastructure using Terraform and CloudFormation, implementing Auto Scaling groups and Lambda@Edge for optimized resource allocation.
- Containerization: Championed the use of Docker and orchestrated microservices deployments with Kubernetes (EKS), enhancing application scalability and maintainability.
- Serverless Technologies: Leveraged AWS Lambda and Step Functions to build event-driven applications, achieving significant cost savings and improved responsiveness.
- Security Implementation: Established robust security measures using IAM roles, VPC security groups, and encryption protocols, along with configuring CloudTrail logging and CloudWatch monitoring for compliance.

CERTIFICATIONS

- Aws Certified Solutions Architect associate (AWS)
- Certified Terraform Associate (Hashicorp)

TECHNICAL TOOLS & PLATFORMS

- Cloud: AWS (IAM, VPC, ECR, EKS, Code Commit, Code Build, Code Pipeline, EKS, EC2, S3, Lambda, CloudFront, RDS, CloudFormation, Redshift)
- CI/CD: Jenkins, GitLab CI, CodePipeline
- Scripting: Python, Bash, Shell Scripting
- Infrastructure Management: Terraform, Ansible
- Containerization: Docker, Kubernetes
- Monitoring: Prometheus, Grafana, ELK Stack
- Version Control: Git
- Message Brokers: RabbitMQ, Kafka
- Database Management: SQL

KEY ACHIEVEMENTS

- Recognized for exemplary collaboration and knowledge sharing within cross-functional teams during cloud migration projects.
- Actively contributed to improving operational efficiency, resulting in a 30% reduction in incident response times.

PROJECTS:

Project: Chola Mandalam Finance:

- Spearheading the migration of high-traffic applications from on-premise to AWS Cloud using Terraform, ensuring seamless infrastructure deployment.
- Implemented and managed CI/CD pipelines using AWS CodePipeline, automated builds, and integrated Docker for containerized applications.
- Orchestrated application deployment with Kubernetes (EKS), ensuring high availability, reliability, and scalability for production environments.
- Developed real-time logging and monitoring solutions with Fluent Bit (sidecar containers), Prometheus, and Grafana to capture system metrics and application logs.
- Supported the operations team by integrating SonarQube into the pipeline for VAPT testing, securing application builds and deployments.
- Configured AWS services such as EC2, IAM, Redshift, Glue, and CodeBuild to optimize infrastructure performance and reliability.
- Established backup, disaster recovery, and monitoring systems to ensure system stability and high availability.

Project: Drink Prime:

- Migrated Drink Prime's infrastructure from on-prem to AWS Cloud using Terraform, improving scalability and reducing costs.
- Automated the deployment pipeline using AWS CodePipeline, ensuring fast and secure application releases.
- Managed Kubernetes clusters (EKS) for container orchestration, enhancing application availability and ease of scaling.
- Designed IAM roles and policies to enforce secure and restrictive access, working closely with the operations team to ensure compliance.
- Collaborated with development and security teams for VAPT testing, ensuring security validations and deployment success.