Vivek J S

DevOps and Cloud Engineer

+91 93602 71004 | jsvivek3@gmail.com | GitHub/vivekjs3_ | LinkedIn | Madurai, Tamil Nadu

Career Objective

DevOps and Cloud Engineer with over good hands-on experience in optimizing cloud infrastructure, container orchestration, CI/CD pipelines, and automated deployments. Proficient in AWS services, Kubernetes (EKS), Terraform, and monitoring tools like Prometheus and Grafana. Seeking opportunities to leverage my skills in a dynamic environment where I can contribute to scalable cloud solutions and ensure 24x7 service availability.

Professional Experience

Piltismart Solutions

DevOps Engineer (Full-time) | Nov 2023 - Present

- Developed and maintained AWS cloud solutions following best practices, improving deployment time by 50%.
- Led the migration of Jenkins data and replicated the Jenkins server for high availability.
- Containerized applications and managed them on Amazon EKS, ensuring scalability and high availability.
- Implemented centralized logging with ELK Stack and monitoring systems with Prometheus and Grafana, reducing MTTR by 50%.
- Automated infrastructure provisioning using Terraform for a chatbot application and enhanced cloud security with IAM, KMS, and Secrets Manager.
- Collaborated with engineering teams to diagnose and resolve cloud infrastructure and deployment issues.

DevOps Engineer (Intern) | Mar 2022 - Oct 2023

- Supported application performance optimization and scalability, achieving a 30% increase in uptime.
- Assisted in configuring and managing AWS services including EC2, S3, Route53, EKS, and Lambda.
- Improved CI/CD processes with Jenkins and Docker, reducing deployment time and enhancing collaboration.
- Configured alerting and monitoring using Grafana, Prometheus, and AWS CloudWatch, ensuring 24x7 service availability.
- Managed database like AWS RDS and, supported DynamoDB deployments.

Skill Sets

Operating Systems	Ubuntu, Amazon Linux 2, Windows
Version Control System	Git, GitHub
Cloud Platform	Amazon Web Services (AWS)
Build Tool	Maven
CI Tools	Jenkins, AWS CodePipeline
Infrastructure Provisioning Tools	Terraform, AWS CloudFormation
Container Tools	Docker, ECR
Scripting Language	Python, Bash
Container Orchestration Tool	Kubernetes

Bug/Project Tracking Tools	Atlassian Jira, Slack
Centralized Logging and Monitoring Tools	ELK Stack, Prometheus, Grafana, AWS CloudWatch
Static Code Quality Tools	SonarQube
Databases	AWS RDS, DynamoDB and MongoDB
Web & App Servers	Apache2, Tomcat
Configuration and Management	Ansible, AWS CodeDeploy
Artifact Management Tools	Sonatype Nexus
Penetration Testing	OWASP ZAP

Academic Qualification

- **MCA** in 2024 with **8.326 CGPA** from K.L.N College of Engineering.
- **B.Sc Chemistry** in 2022 with **86 CGPA** from Thiagarajar College of Arts and Science.

Project Summary

Project 1:

Title	Empowering DevOps with AI-Infused Log Management and Observability Solution
Organization	Piltismart Solutions
Role	DevOps Engineer
Technologies Used	Terraform, Ansible, Elasticsearch, Logstash, Kibana, Jenkins, Python, Docker, AWS

Outcome/Impact:

- Successfully established a robust centralized logging system, improving log management efficiency.
- Enhanced system reliability and performance through proactive issue detection and resolution.
- Streamlined the log analysis process, providing clear and actionable insights to various teams.
- Improved operational efficiency and reduced downtime by leveraging AI-driven log management solutions.

Project 2:

Title	Automated Deployment and Monitoring of "Smarty App" on AWS
Organization	Piltismart Solutions
Role	DevOps Engineer
Technologies Used	AWS, Cloudflare, SonarQube, Docker, Jenkins, Ansible, Terraform, Prometheus, Grafana, Jira, Tomcat, Maven, GitHub, Karate, DynamoDB, Slack

Outcome/Impact:

- Automated build, test, and deployment processes, reducing manual intervention.
- Achieved zero downtime with effective monitoring and alerting.
- Enhanced system performance and reliability.
- Streamlined task management and collaboration through Jira.

Certifications

- DevOps Certification - IBM Coursera
- Cloud Computing Certification - IBM Coursera