

Vivek J S

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Madurai, Tamil Nadu



DEVOPS & CLOUD ENGINEER

Results-driven DevOps Engineer with good experience in infrastructure automation, CI/CD pipelines, and maintaining high availability through zero-downtime deployments and AWS Specialist. Eager to contribute to a forward-thinking organization by leveraging deep expertise in cloud technologies, automation tools, and scalable architecture to drive continuous improvement and operational excellence.

SKILL SETS

Linux and Windows	Amazon Web Services (AWS)	Bash and Python	Kibana
Git and Github	Kubernetes	Maven	Microsoft Azure
Jenkins	Ansible	Elasticsearch	Prometheus
Docker	Terraform	Logstash	Grafana

PROFESSIONAL EXPERIENCE

PiltiSmart Technology Solutions - DevOps Engineer

Feb 2024 - Present

Project : Smarty App - Pilti's IoT Base Product

Developed and deployed an IoT-based application with a strong DevOps culture on AWS, leveraging Jenkins for continuous integration and delivery. Automated test cases using Karate frameworks and implemented static application security testing (SAST) with SonarQube to detect vulnerabilities early. Managed Dockerized application deployments to docker hub, ensuring secure access via IAM and Cloudflare, reducing unauthorized access risks by 25%. Streamlined Kubernetes management with AWS Secrets Manager and optimized S3 storage by 15%. Implemented centralized logging and observability using the ELK Stack (Elasticsearch, Logstash, Kibana) and Filebeat, streamlining log forwarding, ingestion, and processing from Kubernetes and AWS instances. Configured custom Logstash pipelines for enriched log parsing and optimized Elasticsearch clusters for scalable storage and retrieval. Developed intuitive Kibana dashboards for real-time monitoring, enabling proactive issue resolution and achieving a 30% reduction in MTTR. Enhanced security with IAM roles and alerts, ensuring compliance and operational efficiency.

PiltiSmart Technology Solutions - DevOps Engineer (Internship)

Mar 2022 - Jan 2024

Project : ThingsBoard for IoT Devices

Strong DevOps culture, focusing on CI/CD, containerization, and infrastructure automation. Implemented GitHub branching strategies, Jenkins pipelines, and automated deployments using Docker and Kubernetes on AWS, reducing deployment times by 30%. Leveraged Terraform for Infrastructure as Code (IaC) and Ansible for configuration management, optimizing AWS resources and achieving cost savings. Integrated Cloudflare for Zero-trust security, reducing security incidents while maintaining high availability with AWS Auto Scaling and Load Balancing.

EDUCATION

Master of Computer Application

K.L.N College of Engineering (SEP 2022 - APR 2024)

CGPA : 8.326

B.Sc., Chemistry

Thiagarajar College of Arts & Science

(JUN 2019 - JUL 2022)

CGPA : 8.97

CERTIFICATIONS

[AWS Certified SysOps Administrator - Associate SOA-C02](#)

[DevOps Certification - IBM Coursera](#)

[Cloud Computing Certification - IBM Coursera](#)

[Code, Build, and Test - AWS by Coursera](#)

[Release and Deploy - AWS by Coursera](#)

[Operate and Monitor - AWS by Coursera](#)

[Secure your Cloud Data - Azure by Coursera](#)

[Deploy containers by using Azure Kubernetes Service](#)

[Cisco - DevOps for Network \(NetDevOps\)](#)

[Intel® Solutions Pro – Cloud DevOps](#)