Thejus M

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Professional Summary (AWS SOLUTION ARCHITECT/DEVOPS ENGINEER)

A highly motivated and dedicated individual seeking an opportunity as an AWS DevOps Engineer to leverage my knowledge of cloud computing, AWS services, continuous integration, continuous delivery (CI/CD), and automation tools. Eager to contribute to the success of the organization and enhance my skills in cloud infrastructure and DevOps practices.

Education

Rathinam Technical Campus, Anna University
Bachelors in Engineering CGPA-8.2
[2020-2024]

Experience

Besant Technologies, Bangalore, Karnataka
Intern - AWS Cloud & DevOps Intern
Present

- Automated system administration tasks using Bash and Python scripts.
- Assisted in configuring Docker containers and managing microservices with Kubernetes.
- Worked on AWS Lambda to automate serverless functions for cost-effective solutions.

Skills

Cloud Platforms: AWS, Azure, GCP
Observability Tools: Grafana, Kibana, Prometheus
DevOps Tools: Jenkins, Git, Docker, Kubernetes, Terraform
Programming Languages: Bash, Shell Scripting, Python, Linux, Unix
SRE tools: Jenkins, Docker, Kubernetes, Terraform
Networking: TCP/IP, UDP, DNS, DHCP
Database Technologies: MySQL, PostgreSQL, MongoDB, DynamoDB
Automation: Ansible, CI/CD
Version Control: Git, GitHub

Projects

AWS Infrastructure Automation with Terraform:

- Automated the creation of AWS infrastructure using Terraform to provision EC2 instances, S3 buckets, and VPC networking.
- Implemented Infrastructure as Code (IaC) principles for reliable, repeatable deployments.
- Used Terraform modules to organize code and reduce redundancy

CI/CD Pipeline Implementation using Jenkins:

- Developed a continuous integration and deployment pipeline to automate the build, test, and deployment processes for a sample application.
- Integrated Docker into the pipeline for containerized deployments to AWS EC2 instances.
- Configured automated deployment with AWS Code Deploy and monitoring with CloudWatch.

Kubernetes Deployment for a Multi-tier Application:

- Deployed a multi-tier application (frontend, backend, and database) using Kubernetes on AWS EKS.
- Managed Kubernetes clusters, and created Helm charts to manage deployments.
- Configured horizontal pod autoscaling based on resource usage and load.