Sai krishna N
Total Experience: 4.10 years

PROFESSIONAL SUMMARY

- Having 4.9 years of hands-on experience in Cloud and DevOps, specializing in Aws and Azure environments.
- Strong expertise in building and managing **CI/CD pipelines** using **Azure DevOps** and **Jenkins** for automated build, test, and deployment of applications.
- Skilled in **Infrastructure as Code (IaC)** using **Terraform**, including reusable modules, remote state, and secure provisioning on Azure.
- Proficient in **Azure services:** App Services, VM,VNets, and Automation Accounts.
- Solid working knowledge of **AWS services:** EC2, S3, VPC, RDS, Route53, IAM, CloudWatch, and Auto Scaling, ELB, SNS.
- Experienced in monitoring and observability using Kibana dashboards to support SRE practices and system reliability.
- Implemented automated VM shutdown strategies based on CPU utilization to optimize cloud costs.
- Experienced in using **Jenkins** to automate build and deployment pipelines, especially for Java-based applications.
- Familiar with version control systems including Git and SVN for code collaboration and CI workflows.
- Deployed Azure IaaS virtual machines(VMs)and Cloud services(PaaS role instances)into secure VNets and subnets.
- Skilled in planning, executing, and delivering cloud projects with measurable business value.
- Collaborative team player, capable of working with cross-functional teams including development, R&D, and senior management to align business and technology goals.

TECHNICAL SKILLS

Operating System	Linux, Windows
Build Tool	Maven
Versioning Tools	Git , Azure Repos
Continuous Integration Tools	Jenkins, Azure pipelines
Continuous Management Tools	Ansible
Artifact Repository	Jfrog, Azure Artifacts
Scripting Language	Shell Script , Powershell , Bash
Static Code Analyzer	SonarQube
Issue Tracking Tool	Jira, Azure Boards
Other Tools	Atom, Visual Studio Code, and Confluence
Containerization	Docker, Kubernetes
Cloud	Azure , AWS
Monitoring Tools	Promethus , Grafana
Infrastructure as a Code	Terraform

WORK EXPERIENCE

- Working in **Origers solutions pvt ltd** from November 2020 to till date

PROJECT DETAILS

Project 1: Omega Healthcare

Description: One Source is a unified sales cycle management platform that replaced four legacy applications (ePoing, VPP, Bases II, etc.) to streamline operations for internal teams (BPC) and external partners. It offers product recommendations, accurate pricing, contract automation, order and billing management, and a 360-degree customer view. Integrated with an Enterprise Data Warehouse (EDW), it provides actionable insights into customer behavior and purchasing trends.

Responsibilities:
- Designed and maintained CI/CD pipelines using Azure DevOps, enabling automated builds, testing, and deployments.
- Automated infrastructure provisioning using Terraform, Azure CLI, PowerShell, and ARM templates for scalable and repeatable deployments.
- Deployed and managed containerized applications using Docker and orchestrated workloads with Kubernetes.
- Implemented monitoring and alerting using Azure Monitor, Log Analytics, and diagnostic logs to ensure system health and proactively respond to incidents.
- Managed Azure resources including Virtual Machines, Storage Accounts, Virtual Networks, Load Balancers, NSGs, and Azure AD Connect.
- Implemented version control and branching strategies using Git and TFS, ensuring streamlined source code management and release workflows.
- Acted as a Site Reliability Engineer (SRE), working closely with Dev and R&D teams to bridge development and operations, ensuring uptime and service quality.
- Configured and optimized IIS environments, including Application Pools, Virtual Directories, and Worker Processes.
- Troubleshooted production issues through log analysis, failed request tracing, and performance tuning in web farm deployments.

Project 2 : European Order Management CoE Business Integration

Services Description :

The primary objective of the service is to allow Channels to initiate Credit Transfer Orders. EOM being the centralized order manager will process the payments. The service utilizes the ING Payments Canonical Data Model as the data model for the service.

This service provides 3 operations namely Validate Order, Create Order, and Initiate Order. Validate Order operation will validate the incoming order request with the help of WTX. Create Order operation will create the order request in the database after the order requests are validated. Create Order operation sends the validated order to the authorization engine to check if the particular order is authorized. The operation sends back the validation results to the service consumer. Initiate Order is the same as Create Order except that the operation is a one-way operation with no feedback sent back to the consumer. This is currently used by the Standing Order Engine.

Responsibilities:

- Deployed and managed Kubernetes clusters on EKS to run microservices-based financial applications.

- Automated cloud infrastructure provisioning using Terraform, ensuring scalable, repeatable, and secure deployments.

- Built and maintained CI/CD pipelines using Jenkins, enabling continuous integration and delivery across development teams.

- Wrote automation and deployment scripts using Bash/Shell scripting for routine DevOps tasks and configuration management.

- Managed source code, branching strategies, and pull requests using GitHub to enable team collaboration and code integrity.

- Implemented centralized monitoring and alerting using Prometheus, CloudWatch, and the ELK Stack for full-stack observability.

- Integrated readiness probes in Kubernetes and configured rolling updates to ensure high availability and zero-downtime deployments.

- Worked closely with developers and QA to provision test environments, manage release cycles, and troubleshoot deployment issues.

ADDITIONAL EXPERIENCE

- Managed AWS Lightsail instances, including server provisioning, patching, backups, and SSL certificate integration, ensuring secure and reliable web and application hosting.

- Developed and maintained automated Bash scripts for data backup, disaster recovery, and routine server maintenance to improve system availability and reduce manual efforts.

- Administered Linux servers by performing system updates, troubleshooting, and performance optimizations to maintain high uptime and seamless operations.

- Configured and managed Nextcloud servers to enable secure file sharing and collaboration with strict access controls, adhering to data security best practices.

- Enhanced the Nextcloud auto-sync process, improving efficient data synchronization across users and devices.

- Implemented SSL certificates on AWS Lightsail hosted websites and applications, improving security and building user trust.

EDUCATION

- Graduated with a B.Tech in Electronics and Communication Engineering from **Teegala Krishna Reddy Engineering College** (JNTU-H) in 2019.