SANTHOSH KUMAR PONDARI

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Professional Summary

Experienced **AWS DevOps Engineer** with **3.2 years** of expertise in an orchestrating and provisioning applications using tools like **Kubernetes & Terraform**. Expertise in automating applications using **Jenkins, Docker, AWS cloud platform**. Proficient in collaborating with cross-functional teams to gather requirements, formulate provisioning process and ensuring 100% successful completion of deliverables.

Technical Skills

Provisioning Tool	: Terraform
Containerization Tool	: Docker
Versioning System Tool	: Git
Cloud Platforms	: Amazon Web Services(AWS)
Operating Systems	: Linux, Windows
Container Orchestrating Tool	: Kubernetes
Build Tool	: Maven
CI/CD Tool	: Jenkins
Monitoring Tool	: Grafana, Prometheus
Bug Tracking Tool	: Jira
Scripting Language	: Shell
Code Analysis Tool	: SonarQube

Education

- Pursued **B.Tech** from **ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, TEKKALI** in the year of **2015** with **73.69%.**

Professional Experience

- Working with **ANTRIX TECHNOLOGY INDIA PRIVATE LIMITED**, BENGALURU as a **Junior Software Engineer**, since **May 2021** to **Present**.

Projects

Project	**: Edenapp**
Client	**: Safeguard Properties**
Environment	**: AWS Cloud, Kubernetes, Terraform, GitHub, Jenkins**
Duration	**: May2021 to Jan 2023**

Eden is US/CANADA based E-commerce platform, it contains applications like customer app and portal website.

Customer app: It is mobile application, by using this customer can order services like grass cut, snow removal, yard work and landscaping services, orders can be tracked, customer interact by messaging to customer or admin, Integration with a stripe payment gateway to manage customer's payments

Admin Portal: It is website which provides rest support to application like customer app, contractor app and marketing, can track information like customer details, contractor's details, order details etc.

Responsibilities:

- Hosting entire application using the Kubernetes on **Amazon EKS**.
- Monitored the infra resources like CPU, Memory & Disk utilization using **CloudWatch**.
- Visualized the infra metrics through Grafana.
- Created and implemented branching & merging strategy with multiple branches.
- Responsible for Builds and Deployments planes.
- Configured and managing security groups and VPC's.

- Creating multiple VPC's and public, private subnets as per requirement and distributed as groups into various availability zones of the VPCs.
- Infrastructure development on AWS using various services like EC2, S3, Route 53, CloudWatch, IAM, VPC etc.
- Managed backup and recovery using snapshot.
- Worked on S3 bucket and also attached volume to running instance.
- Collaborated with development teams to implement performance tuning procedures, resulting in a 25% improvement in system performance and a 20% reduction in response time.

Project   : **Ebates online shopping portal**
Client   : **Ebates.com**
Environment   : **AWS Cloud, GitHub, Jenkins, Linux, Docker**
Duration   : **Jan 2023 to present**

        Ebates.com is an online shopping portal, which gives cash back for the purchases of customers. This site is used to display different coupons and discounts available for the user and management of their accounts. Ebates is all about saving money and getting Cash Back whenever the customer shop online and become a member and shop through E-bates, can save money every year on the things the customers are already buying. Once the user shops from the store those were displayed in Ebates portal and cash back will be credited to their account.

Responsibilities:
- Good exposure in Dockerizing the applications, by using Dockerfile, writing Docker images and configuring the Docker Containers. Responsible for the creation of EC2 instance in AWS cloud for development set of the machines for quick integration and deployment into development and QA.
- Implemented AWS solutions using **EC2, S3, EBS, Elastic Load Balancer, Auto Scaling groups**.
- Developed automation scripts for managing and deploying applications on AWS, reducing deployment time by 60%.
- Responsible for design and maintenance of the GIT Repositories and performed all necessary day-to-day GIT support for different projects.
- Involved in periodic archiving and storage of the source code for disaster recovery.
- Integrated GIT into Jenkins to automate the code checkout process.
- Experience on writing Shell and Groovy scripting for automating tasks in Jenkins.
- Designed and implemented secure CI/CD pipelines using Jenkins, Git, and Docker, ensuring that applications are built and deployed with security best practices.

Declaration

- Hereby declare that the above-mentioned information is true to the best of my knowledge and belief.