PRAGADEESH RAJU
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PROFILE SUMMARY

Experienced Engineer with a demonstrated history of working in the Information Technology industry. Skilled in Linux Systems, Kubernetes, DevOps with AWS/Azure/GCP and extended knowledge in IT Network & Security Infrastructure. Passionate about Microservices and cloud technologies, always willing to learn new upcoming technologies to enhance my knowledge.

TECHNICAL SKILLS

- Containerization technologies (Kubernetes, Docker), Rancher.
- Cloud Services Core AWS Services, Azure/GCP
- Monitoring Tool: Grafana, Prometheus, Nagios, ELK, Wazuh, Wireshark.
- Strong Knowledge in Linux and Windows platforms.
- Package manager HELM.
- Strong Knowledge in GIT, Codecloud, BitBucket, JIRA.
- Knowledge of Configuration, Automation and CI/CD tools (Jenkins, GITLAB, Ansible)
- Proficiency in Shell scripting, Python.
- Knowledge in YAML
- Database (MongoDB, MySQL Server, NoSQL: DynamoDB).
- Infrastructure as a Code implementation (CloudFormation, terraform).
- RIP, IGRP, EIGRP, OSPF, IS-IS, TCP/IP, Multicasting, IGMP, PIM, BGP, DHCP, SNMP
- Cisco ASA, Check Point R77, CEH Pentesting, DDoS Protection.
- WAN/LAN ISR, ASR Routers, Catalyst and Nexus Switches, Firewalls.

PROFESSIONAL EXPERIENCE

Transportation & Warehouse Optimization   **Bangalore, India**
Sr.Devops Consultant   *Dec 2019–Present*
Responsibilities:

- Deploying, automating, maintaining and managing cloud-based production system, to ensure the availability, performance, scalability and security of productions systems.
- Maintaining application infrastructure, including scalable compute clusters, web servers and databases.
- Automating and maintaining our CI/CD pipeline, source code repositories and build servers.
- Planning & Migrating legacy systems to cloud, getting the application cloud native.
- Cost management and POC for the new migrations from the legacy systems
- Continuous Monitoring & Troubleshooting Kubernetes with Prometheus, Grafana, Istio – Kiali
- Cloud Native application Orchestration - Helm chart repository & Lifecycle Management.
- Build, release and configuration management of production systems.
- Managing and monitoring the entire productions cluster with Grafana and Prometheus.
- Continuous monitoring of applications to ensure all are healthy and to set rules/alerts for routine and exceptional application conditions.
- Developing and maintaining ML-OPS for data modelling and mining.
- Undertake pre-processing of structured and unstructured data and Combine models through ensemble modelling

AT&T Communications   **Bangalore, India**
DevOps/Cloud Engineer   *May 2016–Nov 2019*
Responsibilities:

- Experienced in Automating, Configuring and deploying instances on cloud environments and Data centers, also familiar with EC2**,** Cloud watch**,** Cloud Formation and managing security groups on Cloud systems.
- Built S3 buckets and managed policies for **S3** buckets and used S3 bucket and Glacier for storage and backup on AWS.
- Experience in architecting and configuring secure cloud VPC using private and public networks through subnets in AWS.
- Utilized Amazon Route53 to manage DNS zones and also assign public DNS names to elastic load balancers IP's.
- Monitoring the AWS resources using Cloud Watch and also application resources using Nagios.
- Deploying Containers with Dockers and building up with the Dockerfile.
- Performing Blue-Green deployment with Kubernetes to reduce downtime and risk.
- Built deployment pipelines using Jenkins as a front end for continuous deployment to local staging and test environments and to production environments on demand using combination of shell scripting

EDUCATION
Anna University   **Chennai, India**
  Bachelor of Engineering in Computer Science, April 2016
- GPA 7.33/10

Completed A1 German language course.

Reference will be provided on request