PRAGADEESH RAJU

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Bangalore, India

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)
- Cloud Services Azure/GCP, Core AWS Services (EC2, EKS,VPC, Route 53, S3, λ Lambda)
- Monitoring Tool: Grafana, Prometheus, Nagios, ELK, 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, Maven, GIT, Ansible)
- Proficiency in Shell scripting, Python.
- Knowledge in YAML
- Database (RDBMS: MySQL Server, NoSQL: DynamoDB).
- Infrastructure as a Code implementation (CloudFormation, terrraform).
- 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.
- Network Operations, Network Administration, Network Troubleshoot, Network Analysis.

PROFESSIONAL EXPERIENCE

AT&T Communications   **Bangalore, India**
Devops Engineer   *Feb 2018–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.
- Performing Blue-Green deployment with Kubernetes to reduce downtime and risk.
- 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.
- 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
- Ensuring critical system security through the use of best in class cloud security solutions
- Deploying Containers with Dockers and building up with the Dockerfile.

- Managing Nodes with the help of Kubernetes.
- Monitoring server activity and responding to alerts.

Yobitel Communications **Bangalore, India**
DevOps/Cloud Engineer *May 2016–Feb 2018*
Responsibilities:
- Experienced in Automating, Configuring and deploying instances on AWS, Azure environments and Data centers, also familiar with EC2**,** Cloud watch**,** Cloud Formation and managing security groups on AWS.
- 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 .
- Commissioning and De-Commissioning of network hardware from legacy setup during roll outs.
- Configured and altered ACL and configs in and route additions & QoS.
- Added / altered new rules & policies, applied security policies in firewalls, created VPN setup in termination firewalls during new customer route addition.
- Monitoring the firewall alerts and processing the port change requests in, configuration changes in NACL and Security Group.

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