Rafi Shaik

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Summary:

Skilled Devops Engineer with 4+ years of hands-on experience supporting ,automating ,and optimizing mission critical deployments in AWS,leveraging configuration management ,CI/CD, and architecting Kubernetes clusters.

Total IT experience : 12 years.

Professional Summary:

- Hands on experience in Devops tools such as Kubernetes,Terraform,Ansible ,Jenkins,Git.
- Experience in writing YAML files e.g. ansible playbooks,Kubernetes yaml manifest.
- Experience in deployng applications on kubernetes using Helm charts.
- Experience of AWS cloud platform. Knowledge of Azure cloud.
- Experience with AWS services EC2, Cloudwatch,Elastic Load Balancing, Auto Scaling, S3, AWS CLI ,AWS EKS.
- Experience in Linux based infrastructure and network management.
- Experience in using Git, GitHub.
- Knowledge in setup and configure monitoring tools like Prometheus, grafana etc.
- Experience in configuration management tool Ansible.
- Experience in Shell scripting .
- Ability to work closely with teams, to ensure high quality and timely delivery of build and release.

Work Experience

DevOps Engineer

Navit Software Solutions ,Hyderabad | Client : Unovon | **Dec, 2018 - To present.**

Responsibilities:

- Deployment of containerized applications using helm charts in Kubernetes clusters.
- Monitor the cluster health ,resource utilization and ensuring that all applications are running as expected.
- Troubleshooting in a Kubernetes cluster, such as failed deployments, pod crashes, and resource constraints. identifying the root cause and implementing a solution.
- Creating docker images by writing dockerfile and push them to artifactory .
- Write and run Ansible playbooks for configuration management of servers of different environments .
- Interaction with Dev , QA and project management team to develop automation strategies and deployment processes for smooth delivery of the applications.
- Setting up CICD pipelines using Jenkins.
- In PoC environment working with tools like ARGO CD for continuous delivery of micro services apps from git repository.
- Provisioning infrastructure using Terraform .

Linux Administrator

Navit Software Solutions,Hyderabad | Client : Voyzze Communications Inc | **Mar, 2015 - Nov, 2018.**

Responsibilities:

- Installing and configuring web server applications apache,nginx.
- Create cron jobs for scheduling tasks using bash scripts.
- Maintain all system backup. Monitor everyday systems and availability of all server resources and perform all activities for Linux servers.
- Writing shell scripts to automate repetitive tasks.
- Responsible for securing network systems.
- Install,configure and maintain linux servers (Centos 7,Ubuntu).
- Creating and maintaining users accounts , backup user data.
- Monitoring data center servers using Nagios.
- Performing administrative operations, such as configuring, monitoring and starting and stopping servers like Asterisk,Kamailio, MySQL servers.

VoIP Engineer

Navit Software Solutions,Hyderabad | Client : ReliableIPPhone | **Mar ,2010 – Feb, 2015.**

Responsibilities:

- Configuring Voice over Internet Protocol (VoIP) devices (ATA and IP PBX).
- Implemented auto-provisioning of VoIP devices (Grandstream,Cisco,Yealink).
- Providing technical assistance to the customers.
- Remote assistance in configuring routers at client location .
- Firmware upgrade on the VoIP devices manually and using auto provisioning .
- Fixing route related issues .
- Communicating with carrier and vendors.
- Escalation of calling issues to global carriers.

Technical Support Executive
Ri Networks , Hyderabad | **June, 2008 – Feb, 2010.**

Technical Support Executive
P3 Technologies Pvt Ltd, Hyderabad | **June, 2007 – May, 2008.**

Customer Care Executive
Reliance BPO , Chennai | **Dec, 2006 – May, 2007.**

Teacher
Little Angels High School, Vijayawada | **Aug, 2005 – Nov, 2006.**

Certifications:
Red Hat Certified Engineer (RHEL 5).
Date: February 09, 2011.
Certificate Number: 805011417157921.

Tools/Skills:
Containerization- Kubernetes,AWS EKS,Docker.
Iac: : Ansible, Terraform

Cloud Platform: AWS.   CI server -Jenkins.
Scripting language- Shell.   Version control : Git.
Monitoring : Prometheus,Nagios,Cloud watch.   Agile tool : Jira

Education:

- Master of Science in Mathematics | Nagarjuna University(S.R.R&C.V.R Govt College,Vijayawada) |Year 2005.
- Bachelor of Science (Mathematics,Physics,Chemistry) | Nagarjuna University(Sapthagiri Degree College,Vijayawada) | Year 2002.
- Intermediate | P.B.Siddhartha Arts and Science College,Vijayawada | Year 1999.
- S.S.C | Vivekananda Centenary High School,Vijayawada | Year 1997.