**Ashwath Kumar**

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**Career Objective**

Presently looking to join a company that rewards effort and initiative, whilst at the same time providing plenty of progression and career development opportunities to its employees.

**Career Summary**

* Over 8 years of experience in IT industry working in multiple roles, such as Linux Administrator, Cloud Operation, Network Engineer, IT Support Engineer and Onsite engineer.
* Hands on Linux Server administration, AWS/Azure/GCP Cloud Operation.

**Technical Skills**

* Version Control : Git, SVN
* Web & Application Servers : Apache Tomcat, NGINX
* CI Tools : Jenkins
* Cloud Technologies: AWS(EC2, S3, EBS ,VPC, ELB, AMI, SNS, RDS, IAM, Route53, Auto Scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups), Azure, GCP
* Containerization : Docker, Kubernetes
* Scripting : Shell scripting, Terraform
* Operating Systems : Windows, Linux
* Monitoring Tool: Cacti, CloudWatch, Grafana, Kibana, Prometheus

**Experience Profile**

* **Linux Engineer at Robosoft Technologies Private Ltd Udupi, from January 2015.**

 As a Linux Engineer handling Linux Cloud Servers, AWS, GCP, Kubernetes, Jenkins.

**Roles and Responsibilities**:

* The primary responsibility is to carry out day-to-day tasks of Server, Server Administration and Monitoring, updating Tickets (issues) through Incident management system (helpdesk).
* Kubernetes cluster setup, Openshift cluster setup on premise and on **cloud**
* K8s cluster setup using kops, kubeadm and administration.
* EFK install and configuration for log management
* Nginx ingress controller setup and configuring ingress rules.
* Install, configure dockerregistry
* Install configurenginx ingress controller for Kubernetes cluster and implementation of ingress rules.
* Install, update and upgrade the packages using with rpm, yum /apt tools.
* Installation of Mysql, MongoDB and taking backup and restore of its databases and creating users and assigning privileges.
* Installation and configurations of Apache, Ngnix Web Server & Tomcat Server in Ubuntu, CentOS, Amazon Linux machine.
* Configured Virtual Hosts on Apache, Nginx, Installed SSL Certificate, CSR generation, Installed Certbot to request and install SSL certificates from LetsEncrypt.
* Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
* Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
* Implemented Web Application Firewalls on AWS cloud and created certain conditions for protection against DOS, Cross Site scripting Attacks.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application..
* Used IAM for creating roles, users, groups to provide security to AWS account and its resources.
* Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
* Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
* Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
* Experienced in creating RDS instances and replicas to serve data through servers for responding to requests, Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
* Developed Shell Scripts for automation purpose.
* Hands on security operations and monitoring of cloud infrastructure, Hands on with detection, prevention, and investigation of security events in Cloud Servers, Added security rules for Inbound and outbound on AWS and Azure as per requirements.
* Configured VPC Peering, Site to Site VPN tunnel created from cloud to on-premises.
* Created Resources and VMs on Loadbalancer on Azure.
* Setting up VMs, VPCs, Cloud Loadbalancer On GCP.
* Installed and Configured Ldap and Radius servers for internal users authentication.
* CI/CD setup for continuous integration and continuous deploy
* Infrastructure setup on AWS using Terraform tool.

**IT Support Engineer at Rooman Technologies Private Ltd Bangalore from December 2012 to December 2014.**

**Roles and Responsibilities:**

* Installing, Configuring and Troubleshooting of Networking Equipments.
* Configuring basic router and switch configuration, Remote support for Installation & troubleshooting applications.
* Remote Desktop Support for Configuring ADSL Routers / Modems & other peripherals.
* Wireless & Wired connectivity issues, Network and local Printer support.
* Troubleshooting and coordinating various network related issues with Telecom bodies and Service providers.
* Working with third party vendors for new project implementations related to network.
* Keeping a track & confirmation of the resolved issues, Generating monthly report on issues.
* Delivering proactive monitoring and preventive maintenance for all locations.

**Technical Associate at R-Logic Technologies Private Limited, Bangalore from August 2010 to November 2012**

 **Roles and Responsibilities:**

* Installing, Configuring and Troubleshooting of Networking Equipments.
* Desktop Support, Printer support, LAN Network issue troubleshooting.
* MS Outlook, Thunderbird Configuring and troubleshooting.
* Windows OS installation, Configuring of Proxy.

**Certifications**

 Cisco Certified Network Associate (CCNA)

 Cisco ID: CSCO12933643 (Valid From 18 Feb 2016)

**Education**

* Diploma in Electronics & Communication Engineering from Karnataka Govt. Polytechnic, Mangalore.
* 12th Standard from Karnataka Pre-University Board.
* 10th Standard from Karnataka State Board.

**Personal Profile**

 **Hobbies and Interest :** Reading books, Drawing, Outdoor Games

 **Date of Birth :** 21/11/1989

 **Address :** Mangalore

 **Language Known :** English, Kannada, Hindi, Tulu

**Marital Status :** Married

**Nationality :** Indian

**Declaration**

I hereby declare that the above mentioned information is correct and true to the best of my knowledge. I hope above qualification will suit your organization. If I am given an opportunity to serve your organization, I will use all my abilities to the maximum potential for growth of organization.

Date : 29/04/2021 Yours Sincerely,

Place : Mangalore Ashwath Kumar