SAMPLE RESUME FOR KUBERNETES ON AWS

Objective:

Professional Certificates:

Education:

Technical Tools and Software:

- **Operating System**: Linux (AWS, RHEL, Ubuntu), Unix, Microsoft Window.
- **Cloud Computing Technology**: Amazon Web Services (AWS), Azure, Digital Ocean etc.
- **Networking Technology**: Cilium, Project-Calico, Flannel.
- **Container Technology & Management**: Kubernetes, Docker, Docker Swarm.
- **Data Store**: etcd, consul.
- **Automation Server**: Jenkins.
- **Configuration Management Tool**: Chef, puppet, ansible etc.
- **Languages**: Python, JAVA, CQL (Cassandra Query Language),
- **Web Technologies**: Web services, HTML, XML, Apache tomcat, Nginx.
- **Database**: Teradata, Big Data Cassandra, Hadoop, Hive.
- **Tools**: Microsoft Visual Studio 2003/2005/2008/2010, Ultra Edit.
- **Version Control**: github

Professional Summary

- Experience in working on AWS and its services like AWS IAM, VPC, EC2, ECS, EBS, RDS, S3, Lambda, ELB, Auto Scaling, Route 53, Cloud Front, Cloud Watch, Cloud Trail, SQS, and SNS.
- Experienced in Cloud automation using AWS Cloud Formation templates to create custom sized VPC, subnets, NAT, EC2 instances, ELB and Security groups
- Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS
- Understanding of EC2 storage and S3 storage, EC2 networking and deploying an EC2 linux instance.
- Adding an Elastic IP to linux instance, Allowing Network Access, connecting to linux instance using ssh
- Created a key pair, adding a new disk, adding a swap and moving file to EC2 instance.
- Created folders in buckets and adding objects to buckets and folders and adding permission to S3 storage.
- Configured an S3 bucket for hosting website.

- Configured a CloudWatch logs and Alarms.
- Various components of k8s cluster on AWS cloud using ubuntu 18.04 linux images.
- Setting up AWS cloud environment manually.
- Deployed and configured the DNS (Domain Name Server) manifest using CoreDNS
- Installation and setting up kubernetes cluster on AWS manually from scratch.
- Installation and Setting up of etcd cluster (key-value) datastore
- Provisioned the CA and Generating TLS Certificates for k8s cluster and etcd server using CFSSL.
- Installed docker and configured cri docker system services and other configuration files.
- Configuring and CNI plugins like cilium, calico, flannel etc. to wire docker containers for networking and connected CNI plugins using external etcd datastore, etcd-operator and CRD for Network policies.
- Created IAM roles for the kubernetes cloud setup.
- Created Kubernetes deployment, statefulsets, Network policy etc.
- Created Kubernetes dashboard, Network policies.
- Created metrics and monitoring reports using Prometheus and Grafana dashboards.