

## Career Objective:

To pursue a career full of challenges which provides me ample opportunities to learn and grow. At the same time I want to fully utilize my capabilities to dedicate myself to the organization and add value to it by sincere efforts.

## Profile Summary:

- An outstanding, self-motivated professional & Excellent analytical, communication, and interpersonal skills and proven ability to learn and rapidly adapt to new challenges with having 3 plus years of experience in the IT industry with major focus on kubernetes , aws and hadoop administration
- Extensive experience in setting up and building kubernetes clusters with Installation, Configuration, Optimization, Securing, Scale-up and Management from Scratch
- Implemented Amazon Web Services and its products which includes Amazon EC2, Elastic Load Balancing, Auto Scaling, Amazon S3, Amazon VPC, Amazon Route53, Amazon RDS, Amazon EKS, Amazon IAM, Amazon Simple Notification Service, Amazon Cloud Watch, Amazon Elastic File System, Amazon Cloud Formation
- Excellent experience in analyzing kubernetes pod failure and identifying its root cause of performance challenge and providing solutions for the same
- Experienced in creating various dashboards, metrics, alarms and notifications for servers using AWS Cloud Watch and Prometheus, Grafana
- Managed Kubernetes charts using Helm. Created reproducible builds of the Kubernetes applications, templated Kubernetes manifests, provide a set of configuration parameters to customize the deployment and Managed releases of Helm packages
- Working on kubernetes cluster with load balancing and scaling, high availability, rollouts and rollbacks of Deployments
- Configuring and Managing in Hadoop Clusters using AWS EMR along with various applications which is involved in hadoop stack
- Performance optimization Experienced of analyze problem, plan, Design, and Create Hadoop Cluster for a use case, setup and configure commonly used Hadoop ecosystem components using cloudera distribution Hadoop
- Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS with MFA
- Experienced in creating Deployments, Statefulset ,frontend & backend services, ConfigMaps, Storage Class and Volumes on Kubernetes
- hands on experience to creating various YAML Definitions files in k8s
- Experienced in Implementation of Fargate with Existing EKS cluster

## Work Experience:

### Ample Softech Systems pvt ltd

Dec/2017 Present

- Installation and setting up both open source kubernetes and fault tolerant EKS cluster from scratch and worked on creating many pods, replica sets, services, deployments, labels, health checks by writing Yaml files.
- Created IAM roles for the kubernetes cloud setup, RBAC role and rolebinding for users
- set pod priority, preemption, labels, resource requirement & limits to the pods
- configuring Autoscaler for scaling Deployments and perform rollouts and rollbacks tasks
- Responsible for finding and troubleshooting k8s clusters, managing log files, backups and capacity planning
- Drain the nodes in preparation for maintenance
- Created kubernetes dashboard using Helm, network policies, metrics and monitoring reports using Prometheus and Grafana dashboards
- Configured a CloudWatch logs and Alarms and integrate with Aws Simple Notification Service
- involved in start to end process of giving permissions of newly created users by authentication and authorization mechanism in kubernetes
- adding farget profile in Cluster Config by Declarative approach
- Working in Cloud automation using AWS Cloud Formation templates to create custom sized VPC, subnets, NAT, EC2 instances, and Security groups
- Implemented Proof Of Concept on creating a cluster with kubeadm
- Implemented AWS solutions using EC2, VPC, S3, RDS, EBS, CLOUDWATCH, SNS, EFS
- Involved in start to end process of hadoop cluster setup where in installation,configuration and monitoring the Hadoop Cluster
- Responsible for day-to-day activities which includes HDFS support and maintenance,cluster
- Monitoring the cluster through web UI to check long running jobs,server health usage of DFS etc.

## Education:

- Graduated from Savitribai Phule Pune University.

## Personal details:

- Date of Birth: 25 January 1997
- Languages Proficiency: Marathi, Hindi, English
- Current Address: Phursungi, Saswad Road, Pune. 412308