

# Parampreet Kaur

An individual with a keen interest in Cloud-computing & Automation , possessing good interpersonal and analytical skills, who wishes to use the technical knowledge catering to the needs of the organization.

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Github :

<https://github.com/paramsme26>

## TECHNICAL SKILLS

### AWS Services:

- Knowledge of Ec2, Load-Balancer, Auto-Scaling, Security Groups, Lambda, S3, ECS, EKS, EBS,EFS, RDS, Cloudformation services
- Hands on experience with Code-Commit, Code-Build, Code-Deploy, Code-Pipeline, System Manager, Event-Bridge services.
- Cloudwatch, Cloudtrail, IAM, Route 53, SNS, SQS
- Establishing connectivity to AWS Resources in another VPC in another region using AWS VPC Peering
- Creating alarms in Cloud watch service for monitoring the server performance, CPU Utilization, disk usage
- Designed highly available, cost effective and fault tolerant systems using multiple EC instances, Auto Scaling, Elastic Load Balancer and AMIs
- Pushed Images to the ECR and deploying infrastructure using those images on ECS Cluster
- Deployed infrastructure using EKS service
- Have a good experience of troubleshooting
- Documentation of all the Tasks on which I have worked.

### Linux:

- Web Application servers like Apache, Nginx
- Experience in writing Shell, Python Scripts for process automation of applications, backup & scheduling
- Package, User, Process & File Management
- Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance issue
- Log Rotation and automated log rotation by using crontab
- Worked with HAProxy to balance the load among the backend servers.
- Installation of SSL certificates

## EXPERIENCE

### DevOps Engineer

Seeder-soft

0.5 year Experience

## LANGUAGE PROFICIENCY

English

Hindi

Punjabi

## EDUCATION

**Kurukshetra University,**  
Kurukshetra — MSc.  
Mathematics

July 2016 -July 2020

**Kurukshetra University,**  
Kurukshetra — BSc.  
Non-Medical

**S.D. Model School, CBSE**  
Jagadhri (Haryana) —  
10+2

April 2015 - April 2016

**S.D. Model School, CBSE**  
Jagadhri (Haryana)—  
10th

April 2013 - April 2014

## Kubernetes:

- Used **Kubernetes** to orchestrate the deployment, scaling and management of containers
- Handon knowledge of Deployed nodes, pods, Services, deployments , ingress and controllers.
- Worked with the Persistent Volume, readiness and liveness probes
- EKS node Auto-scaling in Kubernetes
- Maintained well documentation of all the activities and plans
- Hands on experience of using various K8s Power tools like Kubens, Kubectl, eksctl, Kubectl
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## Monitoring:

- Creating alarms in Cloud watch service for monitoring the server performance, CPU Utilization, disk usage.
- Created Dashboards, Alerts And integration with various platforms in Datadog
- Worked on Monitoring & logging setup in cloud resources using DataDog and CloudWatch.
- worked on slack integrations for monitoring and CI-CD tools

## HOBBIES

Traveling  
Gardening  
Reading Books

## DEVOPS TOOLS

### Versioning control

- Experience in Version Control tools like GIT, Github and GitLab
- understanding of branching strategy

### Infrastructure and config as a code

- Created and deployed infrastructure on AWS using **terraform**
- Managed infrastructure automation using Terraform
- Having hand on Experience on **Terraform** custom Modules
- work and used terraform workspaces, backend configuration for statefile
- Worked on **Ansible** used YAML Packages for installing, configuring push to make changes in time
- Well known to the hosts, tasks and roles use in Ansible
- Deployed wordpress on AWS EC2 instances using Ansible

### CI/CD

- Worked with **Jenkins** under the CI/CD pipeline providing
- Well known to the DSL plugin & Pipelines concepts
- Used Jenkins **pipeline** to build a Docker image, Test the image, Push the image to the Docker Hub and then deploy the container in a Remote EC2 instance.
- Automated deployment of builds to different environments using

Jenkins.

- AWS code commit, code pipeline and code build
- Worked with CI/CD Pipeline using **Git-actions**

**DECLARATION :**

I hereby certify that the above information is true and correct to the best of my knowledge.

**Parampreet Kaur**