

HEMA TATE

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PROFILE SUMMARY

IT professional with overall 2 years of working experience in DevOps. Worked on DevOps tools such as **Git & Git Hub, Jenkins, Docker, Terraform, Kubernetes (K8s)** and **AWS Cloud Services**. Looking for an innovative and challenging opportunity where I can enhance my skills to a good level and hence can grow more in techno management side.

WORK EXPERIENCE

Currently Working as DevOps Engineer at Cognopi Solution Pvt Ltd ,Pune from December 2022 to till date.

ROLES AND RESPONSIBILITIES

- **Dockerization** of Python, angular, and Java-based applications.
- Proficient in deploying containerized applications using **AWS EKS**.
- Implemented end-to-end **CI/CD pipelines** for java-based applications on AWS EKS clusters.
- leveraging **Github** for source code management and **Jenkins** as the CI tool.
- Creating, **maintaining & monitoring jobs** in **Jenkins**.
- **Scheduling** jobs as per requirements in Jenkins.
- **Customized Docker images** by writing Dockerfiles according to project requirements.
- Experience with **Docker Hub**, including image creation and management.
- Solid understanding of **Kubernetes architecture**.
- Setup **AWS VPC** from scratch to establish foundational infrastructure.
- Advanced knowledge of VPC features including **Peering, Subnetting, Internet Gateway, NAT**
- **Gateway and Security Groups**.
- Utilized **CloudWatch** for log monitoring.
- Implemented **autoscaling** based on average CPU utilization metrics.
- Proficient in creating managing **EC2 instances** and Monitored Linux servers using tools like **top** and **htop**.

PROJECT: Cloud Infrastructure Deployment and Management on AWS

- Designed and deployed **AWS** and **GCP cloud infrastructure** for various projects, including provisioning **EC2** instances, **VM Instances**, setting up **VPCs**, and configuring **security groups**.
- Managed **GCP Cloud IAM roles** and **policies**, ensuring secure access control and compliance with security best practices.
- Implemented **autoscaling solutions** using **AWS Auto Scaling** to dynamically adjust resources based on demand, optimizing performance and cost efficiency.
- Utilized **AWS Lambda** for **serverless computing**, developing and deploying **event-driven microservices**.
- Configured and monitored cloud resources using **AWS CloudWatch**, setting up **alarms** and **notifications** to ensure system health and performance.
- Automated snapshots of **EBS** volumes using **lifecycle management policy**.
- Implemented **cost optimization strategies** such as **rightsizing instances**, leveraging **spot instances**, and implementing **lifecycle policies** for **S3 buckets**.
- **User creation, database creation** and **access management**.
Worked on ticketing tool **Jira**.

SKILLS

- **Cloud Computing**: AWS(EC2,S3,RDS,VPC,IAM,Route53)
- **Infrastructure as Code (IaC)**: Terraform
- **Containerization and Orchestration**: Docker, Kubernetes
- **CI/CD Pipelines**: Jenkins
- **Monitoring and Logging**: AWS CloudWatch
- **Version Control**: Git, GitHub
- **Networking**: DNS, Load Balancers, NAT Gateways, Security Groups
- **DevSecOps Practices**: Trivy, SonarQube
- **Operating Systems**: Linux (Ubuntu, CentOS)
- **Others** :Nginx,Apache,Httpd

EDUCATIONAL QUALIFICATION

Completed **BCA** from Dhananjayrao Gadgil Collage of Commerce, Satara with 8.95 CGPA

PERSONAL DETAILS

Name : Hema Deepak Tate.

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Gender : Female

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