

K P SENTHIL

AWS DevOps Engineer

+91 63740 74743

senthilpadmanaban2996@gmail.com

CHENNAI-602025

OBJECTIVE

Seeking a challenging role in a dynamic organization where I can utilize my skills and experience to improve the efficiency and reliability of the software development process.

PROFESSIONAL SUMMARY

- Having 3 years of IT industry experience in AWS/DevOps.
- Skills in applying Continuous Integration, Continuous Deployment, and Continuous Delivery processes & tools GIT, Maven, Jenkins, Ansible, Tomcat, Shell Scripting, Docker, Kubernetes, etc.
- Installation, Configuration, Maintenance, and Administration of Linux/ubuntu.
- Hands-on experience with Git, Jenkins, Docker, Kubernetes and in automating and optimizing critical deployments over a large infrastructure.
- Writing playbooks and creating Roles for Scalability and Reusability in ansible.
- Involved in creating Docker Images by writing custom Docker File.
- Containerizing applications with Docker. Responsible for managing the Docker private registry and having good knowledge of maintaining containers using the Docker swarm.
- Having a basic knowledge of Python Technologies.
- Having Good experience in Amazon Web Services environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load Balancers, IAM, S3, Cloud Front, RDS, VPC, Route53, Cloud Watch, SNS, SQS and Cloud Formation.
- Worked on optimizing volumes and EC2 instances and created multiple VPC'S.
- Implementation of NAT gateways for Webapps hosted in private subnets.
- Experience in Linux and Windows Operating systems.
- Determination to learn new technologies and take up challenging tasks.
- Result-oriented person to apply appropriate analytical techniques & turn analytic insights into actionable results to enhance the organization's effectiveness & efficiency.
- An excellent team player with good communication skills.

EXPERIENCE

JAN 2021 – CURRENT

AWS DEVOPS ENGINEER, TRIG INFOTECH CYBERNETICS.

CLIENT: POLY MEDICURE LTD.

ENVIRONMENT:

Amazon ec2, S3, RDS, VPC, ELB, EBS, auto-scaling, Linux, Git, Jenkins, docker, SonarQube, nexus, Kubernetes.

RESPONSIBILITIES:

- Used Git tool for Source code management
- Used Jenkins tool to automate the build process. Developed and maintained and automated CI CD pipeline for code deployment using Jenkins.
- Worked on AWS, the configuration of EC2 instances to configure EIPs worked on Security groups to resolve firewall issues.
- Created S3 buckets and configured them with lifecycle policies to achieve the frequently accessed data to storage classes based on environment.
- Used Terraform infrastructure as a code tool for resource creation in AWS.
- Used SonarQube for source code quality and consistency.
- Creating custom Docker Images using Docker file
- Used Nexus for Artifactory to store Docker images in a private.
- Built and deployed Docker containers for implementing Microservices Architecture from Monolithic Architecture.
- Experienced in creating Ansible playbooks to provision Apache web servers Tomcat servers Nginx.
- Managed local developments in Kubernetes, creating local clusters and application deployment into pods.
- Hands-on experience on JIRA for creating bug tickets and workflows.
- Monitoring servers through Prometheus and Grafana monitoring tool
- Hands-on experience in Apache and Tomcat.

DEC 2019 – JAN 2021

AWS ENGINEER, TRIG INFOTECH CYBERNETICS.

CLIENT: Sembcorp Energy

ENVIRONMENT:

Amazon ec2, s3, RDS, VPC, ELB, EBS, Autoscaling, IAM, and cloud watch.

RESPONSIBILITIES:

- Working as a team member within a team of cloud engineers and my responsibilities includes,

- Set up and manage servers on Amazon using EC2, EBS, ELB, Security Groups, RDS, IAM, R53, S3, VPC, and Autoscaling.
- Managing VPC, and Subnets, making connections between different zones, and blocking suspicious IP via NACL.
- Create and managing buckets on S3 and store db., logs backup, and upload images.
- Set up databases on Amazon RDS or EC2 instances as per requirement.
- Employed IAM to create and control AWS user's and groups access to AWS services and resources.
- Implemented and maintained the monitoring and alerting of production and corporate servers using Cloud watch.

TECHNICAL SKILL

SKILL AREA	TECHNICAL SKILL
Cloud Platform	Amazon Web Service
Operating System	Windows, LINUX
AWS Services	EC2, VPC, VPC-PEERING, Transit-G/W, S3 ASG, ELB, R-53, RDS, CW, CT, EFS, CloudFront, Code Deploy, SNS, SQS, Code Pipeline.
Databases	AWS RDS
Version Control	GIT
CI/CD	Jenkins
Container and orchestration	Docker, K8s, ECS
Build Tools	Maven
IAAC	Terraform
Configuration	Ansible
Monitoring	Prometheus & Grafana, Cloud Watch
FTP and ticketing tools	Putty, WinScp, and Jira
Artifactory Server	Nexus

LANGUAGES KNOWN

ENGLISH, TAMIL, HINDI, TELGU.

EDUCATION

2014 - 2018

B.E CIVIL ENGINEERING, GKM COLLEGE OF ENGINEERING AND TECHNOLOGY.

2012 - 2014

HIGHER SECONDARY, ST. JOHNS MATRIC HIGHER SECONDARY SCHOOL.

DECLARATION

I declare that the information furnished above is true to the best of my knowledge.

PLACE:

DATE:

K P SENTHIL