

GOWTHAM PRABAKAR

A W S & D E V O P S E N G I N E E R

 +91 9578246618

 gowthamprabakar23@gmail.com

PROFILE • ABOUT ME

Having **5+** Years of total work experience in information technology. Capable of working independently and as well as one among the team, Good interpersonal and Analytical skills.

WORK EXPERIENCE

Organization: Hemson tech pvt Ltd, Chennai
Role: Aws devops engineer
Duration: January 2018 to oct 2022.

Organization: Inspace tech Pvt Ltd, Chennai
Role: Aws devops Engineer
Duration: Nov 2022 to till date.

TECHNICAL SKILLS

- **Cloud Technologies** : AWS, EC2,R53,RDS,VPC,IAM,S3,ECR,EKS,CW
- **Devops Technologies** : GIT,Jenkins,docker,kubernetes,Ansible,Terraform
- **Networking** : N+ ,CCNA

TOOLS & SERVICES KNOWN

- Operating System: Linux, Ubuntu, Windows Server
- Configuration Management Tools: Ansible, Terraform
- Containerization: Docker, Kubernetes
- CI/CD: Jenkins
- Source Code Management: Git
- Build tools: Maven
- Deployment Tools/ Servers: Apache, Tomcat
- Database: MySQL
- Public Cloud: Amazon Web Services
- Ticketing Tool: SERVICENOW
- Repository Tools: Nexus Artifactory, Docker Hub, Git Hub
- Code Quality tool: SonarQube
- Scripting: Yaml Scripting, Groovy Scripting, Basic Python
- Security tools: IAM,
- Monitoring/Logging tools: Prometheus Grafana, Cloud Watch

PROJECT DEATILE

Application	Web application
Time duration	1.6 years
Technology	JAVA

AWS RESPONSIBILITY:

- Having good experience in Amazon Web Services environment and good knowledge of AWS services like **EC2, IAM, S3, RDS, VPC, Route53, CW, ECR, EKS,**
- Deploying the servers using EC2 instance services and taking certain security measures to protect it depending upon the project requirement.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/Downgrade AWS resources (CPU, Memory, EBS)
- Experience in deploying various Load balancers and configuring the auto scaling groups to maintain a good infrastructure.
- Created S3 buckets and configured them with lifecycle policies to archive the infrequently accessed data to storage classes based on environment
- Created volumes and attach volumes on to EC2 instances. Attaching or Detaching EBS volume to AWS EC2 instance.
- By using IAM services created roles and attaching policies and restricting console access to the users and enabling the multifactor authentication for an extra layer of security and knowledge of how to configure and managing S3 storage.

Devops Responsibilities:

- Managed GitHub repositories and permissions, including branching and tagging.
- Create and maintain fully automated CI/CD pipelines for code deployment using **Jenkins** to reduce human error and speed up production processes.
- In **Jenkins** established the master slave setup in our environment and configured freestyle jobs and Pipeline & also knowledge about groovy script, maintaining the Jenkins server using plug- in.
- Having basic knowledge on writing play-book in **YAML** Used **Ansible** for configuration management
- Containerizing applications with **Docker**. responsible. Create a container and convert to image using docker file and managing the ECR registry and having good knowledge of container management tool using **EKS**.

- Extensively involved in infrastructure as code, execution plans, change automation using **Terraform**.
- Having good knowledge and hands on experience in some monitoring tools like **Prometheus Grafana**.
- responsible for taking the source code and compiling using **MAVEN** and package such as a JAR/VAR/
- using SonarQube code level testing the JAR/VAR/EAR file bugs,
- manage and create Kubernetes cluster setup and deploying application in k8s,
- Handling L1 and L2 level issues, involved in client calls, done several deployments, Client handling and resolving tickets.
- Documented the entire installation process for various tools and provided on-call support

EDUCATION

- BE (MECHANICAL), Anna university (AKMCET collage),
- 12th (State Board) – AKT Higher Secondary School,
- 10th (State Board) – AVNC Government Higher Secondary School,

PERSONAL DETAILS

Date of birth =10.06.1995

langue = Tamil, English