

SATYABRATA SAHOO

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Profile Summary:

- 3+ years of experience as a DevOps and cloud Engineer.
- Created and managed security groups for inbound and outbound traffic for instances in both public and private subnets.
- Experience in Amazon cloud services and its features (**EC2, VPC, S3, IAM, RDS, ELB and CloudWatch**).
- Experience in **Security groups, NACL, Internet gateway, subnets, Route tables, Elastic IP**.
- Experience in creating infrastructure in AWS cloud provider using **Terraform**.
- Expertise in writing the **Customised Docker file** to build Docker images.
- Creating **IAM Users and Groups** and maintain the users Access management and Permissions.
- Created users and groups using IAM and assigned individual policies to each group.
- Having Good Knowledge on DevSecOps.
- Implementing Security Scans for packages and running applications.
- Checking code quality using SonarQube Scanners in Jenkins Pipeline.
- Created S3 Buckets and implemented the policies for Pre-Prod and Prod environments.
- Configured **IAM Roles and Policies**.
- Configured Inbound/Outbound in AWS Security groups according to the requirements.
- Experience with setting up of Jenkins Master-slave architecture.
- Experience in using Maven as a build tool for building deploy able artifacts (WAR & JAR) from source code.
- Installed Jenkins, Performed troubleshooting during the build failures.
- Implemented & managed the **Continuous Integration/Deployment** pipeline using Jenkin's pipeline.
- Provided Administration for Jenkins (Continuous Integration) & Build servers.
- Strong knowledge of Kubernetes along with containerized application deployment.
- Designed and implemented a Kubernetes-based container orchestration platform, reducing application deployment time by 70% and improving scalability
- Writing manifest files for different objects in k8s like **Deployment Services** etc..
- Experience with Kubernetes concepts such as **Pods, Services, Replica Sets, Deployments, and Stateful Sets**.
- Knowledge with **Kubernetes** networking and storage concepts.
- Proficiency in using kubectl CLI commands and YAML configuration files to manage Kubernetes clusters.
- Acted as a member of the DevOps Team, providing solutions for Engineering & Ops teams.
- Experience in the artifacts in **Jfrog repository**.
- Worked with Version Control Systems like GitHub & Bitbucket.

Technical Skills:

SCM Tools	:	GIT (GitHub, Bit Bucket)
Operating systems	:	Windows, Linux (ubuntu, Centos 7)
Build Tools	:	Maven
CI Tool	:	Jenkins, Azure DevOps
Servers	:	Tomcat
Artifactory Repository	:	Jfrog
Code Quality	:	SonarQube
Containerization tool	:	Docker
Configuration tools	:	Ansible,
IaC	:	Terraform, Cloud Formation
Cloud	:	AWS
Scripting Languages	:	shell
Container orchestration	:	Kubernetes

Professional Experience:

- Working as a DevOps Engineer in **EDVENTURE SOFTWARE PRIVATE LIMITED** from June 2020 to Till date.

Project1:

Client : Vivo
Role : DevOps Engineer
Environment : Git, Jenkins, Docker, Terraform, AWS, SonarQube

Responsibilities:

- Prepared environments for Day Builds and Night Builds .
- Taking the code from Git Repository using Jenkins.
- Responsible for creating Labels, Jobs, Nodes, in Jenkins.
- Involved in Release Management cycle of various applications.
- Work on Maven tool to do the builds, integrated Maven with Jenkins.
- Coordinating with Developers, QA and other teams closely with issues.
- Support CI/CD and associated tools in pipelines for development and Production Environments.

Project2:

Client : Master Card
Role : DevOps Engineer
Environment : Git, Jenkins, Docker, Terraform, AWS, SonarQube

Responsibilities:

- Involved in Build/Release Pipeline Setup and End-to-End job setup of all the Projects.
- Taking the code from Git Repository using Jenkins.
- Build the source code by using Maven.
- Integrated Jenkins with Git and Maven.
- Create Build jobs to multiple projects in Jenkins.
- Configure Nodes from Jenkins master server.
- Written a script to deploy the artifacts in Jenkins.
- Responsible for software Configuration management, Installing Software and maintaining the Build Environment using Ansible.
- Involved in creating Jenkins Master-Slave for multi machine builds.
- Responsible for creating Labels, Jobs, Nodes, in Jenkins.
- Support the development teams regarding CI/Build tools, Environments.

EducationDetails:

- **Bachelor of science(BSc)From UTKALUNIVERSITY,BHUBANESHWAR,ODISHA.**

I hereby declare that the above information furnished by me is authentic to the best of knowledge.

PLACE : HYDERBAD

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