



**Soumya Ranjan Dikhit**

**Looking for AWS & DevOps Engineer Jobs**

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Hyderabad, TS

### **Career Objective:**

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills. Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

### **Professional Experience:**

**Kona Digital from January 2021 to present**

**Role: DevOps Engineer**

### **Professional Experience:**

- Learned infrastructure development and operations by involving in designing and deploying using AWS services like AWS EC2 Instance, ELB, EBS, AMI, IAM, VPC, S3, cloud formation templates, cloud watch monitoring.
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
- Good understanding in AWS services such as EC2, S3, IAM, EFS, AUTO SCALING.
- Collaborated with infrastructure and development support team to setup continuous delivery environment using Docker. Experience in working on several Docker components like Docker engine, Hub, Machine, Compose, and Docker registry.
- Created CI/CD pipelines using Jenkins, to deploy containerized applications using Docker in the AWS cloud for dynamic scaling.
- Implementing Cloud watch dashboards for various applications and monitored real-time and historical metrics.
- Coordinate release activities with Release Management, Project Management, QA, and Web Development teams to ensure a smooth and trouble-free roll out of Releases.
- Automating the installation, deployment and maintenance of Middleware Application Servers to centos/Ubuntu Development and Test Environments on AWS Cloud.
- Experience in using Ansible to manage Web applications, Environments configuration files, packages, Mount points and users.
- Experience in Setting up the build and deployment automation for Terraform scripts using Jenkins. Provisioned the highly available EC2 Instances using Terraform and cloud formation.
- Installed and configured an automated tool Ansible that included the installation and configuration of the Ansible master, agent nodes and an admin control workstation, worked on Ansible for configuration management of existing infrastructure.
- Experience in Maintenance of Source Control Management Systems such as GIT. Created tags, branches, merging and administrated software repository.
- Experience with Continuous Integration and Continuous Deployment (CI/CD) with Jenkins, GIT and Nexus repository. Deployed various Java applications/web services using CI/CD tools like Jenkins, Ansible, and Kubernetes in standalone and clustered environments.
- Experience in using Maven as build tools for deployable artifacts (jar, war, ear) from source code management tool.

- Experience with all phases of software development life cycle (SDLC) and agile development methodology.
- Effective Interpersonal skills to co-ordinate and participate in a team environment and achieve organizational goals.
- Analyses all aspects of the existing infrastructure and recommends modifications that will enhance system reliability, availability, serviceability and scalability.
- Supported the all-production Code and Non-code release changes with zero down time.
- Excellent team player, ability to quickly adapt and work under minimal supervision, effectively communicate to team members and manage applications.
- **Technical Skills:**
- AWS-EC2, VPC, IAM,S3, EBS, EFS, Cloud Formation, Cloud Watch
- Git, Jenkins, Ansible, Terraform, Docker, Kubernetes

## **Projects:**

### **Project - 1**

- Build the above project using “DOCKER”
- When new changes are made in project code, Jenkins should prepare new build, meaning build should happen from DOCKER point of view i.e., when build is done is Jenkins, we should have DOCKER IMAGE created
- Once build is success, we should have war file created and the same file should also be deployed on TOMCAT
- All the above steps should be part of Docker
- Note: Not from GUI, need this in Jenkins file as part of pipeline

### **Project - 2**

- As we need Kubernetes Cluster for Deployments
- Using Ansible Prepare the playbooks, which will install all the things needed for Kubernetes Cluster
  - > aws cli
  - > kops
  - > kubectl etc
- The Playbook you prepared should set up PRODUCTION CLUSTER in at least two different availability zones with two worker nodes.

### **Project - 3**

- Now Jenkins is where we prepare pipelines
- When new changes happen in your code, Jenkins should prepare a new build i.e., from Docker and should be deployed on Kubernetes cluster that is prepared in Project 2
- You prepare Kubernetes manifest files i.e., at least two replicas of my application should be deployed on two worker nodes
- Once deployment is success, I need an address to access the application via Service in Kubernetes

## **Cognizant (2017 -2020)**

### **Role: AWS & DevOps Engineer**

- Work followed Agile methodologies and Scrum.
- Design, development, integration and implementation of APPLE MAPS. Simulations and their functionalities according to business requirements.
- Working on various networking technologies like TCP/IP, HTTP/S, SSL/TLS, LDAP, etc.
- Created build and deployment jobs in Jenkins for various components.

- Used Jenkins to automate day to day activities and task with shell scripting.
- Maintained fully automated CI/CD pipelines for code deployment.
- Creating custom Docker images to leverage Docker containers and docker consoles for easier replication of Dev environments on local machines.
- Used JIRA as tracking, reporting, maintaining tool for various issues and, Confluence for documenting the root causes of failures and the solution for the specific failures.
- Participated in stand-up meetings, sprint plannings, spring retrospection and followed the technical approach to deliver the solutions for the business needs.
- AWS product knowledge and understanding of product features.

#### **Education:**

- Master in Technology, Sambalpur University, 2014
- Sambalpur University, Sambalpur , Odisha

#### **AWARDS AND APPRECIATION**

- Awarded the star performer of the month for exceptional performance and noteworthy contribution towards the project
- Appreciated by the customers for being the most valuable resource

#### **Personal Details:**

Full Name	Soumya Ranjan Dikhit
Father's Name	Deba Prasad Dikshit
DOB	3 may 1988
Marital Status	unmarried
Nationality	Indian
Sex	Male
Languages Known	English,Hindi Odiya,Telugu
Current Location	Hyderabad

#### **Declaration:**

I hereby declare that all the information provided above is accurate to the best of my knowledge.

Yours Faithfully  
Soumya Ranjan Dikhit