

**Manashwi Vyas**

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**+91-9890876190**

## Summary

- Have more than 7.11 years of experience in the IT industry with 4.4 years holistic knowledge on DevOps and AWS Cloud.
- Around 3.7 years of experience with Oracle JD Edwards Enterprise One.
- Hands on experience of using AWS cloud services and building solutions around it. Working on Amazon Web Services (EC2, ECS, ELB, VPC, S3, DynamoDB, IAM, Autoscaling, Route 53, CloudWatch, SNS, EKS, RDS), Code Commit, Code Build, Code Deploy, Code Pipeline, Lambda Function, CloudFront.
- Experience in DevOps tools with working knowledge on Jenkins, Git and Docker, Kubernetes, Terraform, Ansible, Argo CD, Nexus
- Have working experience on automating day to day tasks on AWS by using services like System manager.
- Strong quantitative and analytical skills; Demonstrated leadership and teamwork skills.
- Well-developed interpersonal and communication skills, having dealt with diverse professionals, Clients & team members at global locations.
- Vibrant team player with belief in taking positive approach towards issue resolution.

## Skillsets

**AWS:** VPC, NAT, EC2, ELB, ASG, EKS, ECS, S3, RDS, ROUTE 53, IAM, SNS, Custom AMI, EBS, CloudWatch, Elastic Beanstalk, SES, Cloud Formation, Code Commit, Code Build, Code Deploy, Code Pipeline Lambda Function, CloudFront

**CICD Tools:** Jenkins, AWS Pipeline

**Monitoring:** Grafana, Nagios, CloudWatch

**Repository:** Git, Git Labs

**Others:** Maven, Nginx,

**Scripting:** Shell

**OS:** Windows, Linux

**Containerization:** Docker, ECS, Kubernetes, EKS

**Artifactory:** Nexus

**Infrastructure As a Code:** Terraform,

## Training & Education

- AWS Certified Cloud Practitioner
- Bachelor's degree in engineering (Electronics & Instrumentation)

## **Project Experience:**

### **Company Name: Persistent Systems Ltd**

**Joining Date:** 21 Oct 2024

**Last Working Day:** till Date

**Job Designation:** Senior Software Engineer

**Role:** DevOps

**Description:** Migration Azure CICD to AWS

**Environment:** AWS

**Database:** RDS

**Responsibilities:**

Migrating the CI/CD pipeline from Microsoft Azure to AWS. This involves understanding Azure pipeline task scripts and replicating them in PowerShell. The PowerShell scripts will be used to create a CI/CD pipeline in AWS, leveraging AWS Secrets Manager for secure credential storage. Additionally, a Lambda function will be implemented to automate IAM user access key rotation and update the secrets in AWS Secrets Manager

### **Company Name: EPIQ Softech**

**Joining Date:** 9 Sep 2019

**Last Working Day:** 9th July 2024

**Job Designation:** DevOps engineer

### **Project Title: Axtria – Sales-IQ: Implementation of Python application**

**Role:** DevOps/ AWS EKS

**Description:** Worked on Build tools maven and integrating maven in Jenkins. Integration and automation of version control applications like Git. Maintained Jenkins' continuous integration and automated releases to DEV/PROD environments. Used AWS EKS to deploy scale, load balance, and manage docker containers with multiple Name spaced version.

**Environment:** AWS EKS

**Database:** RDS

**Responsibilities:**

Setting up the build and deployment automation for Python base project by using Jenkins pipelines to drive all micro services builds out to the Docker registry (ECR) and then deployed to AWS EKS.  
Created IAM roles for the EKS cloud setup.  
Created EKS deployment and service manifest with EFS as storage.  
Deployment of Configmap, Secrets and Volumes (EFS) on EKS  
configure autoscaling using (Horizontal Pod Autoscaling).  
Setup of EKS services on AWS with Route53  
Set up AWS Load Balancer ingress Controller to route HTTPS traffic to different pods within your Amazon EKS cluster.

**Project Title: Axtria- Insight-Max: Implementation of Python micro services on Elastic Beanstalk Docker Environment**

Role: DevOps ENGINEER

Description: Creating multiple Jenkins pipeline for deploying microservices for Docker Elastic beanstalk environment.

Environment: Elastic Beanstalk Docker Environment

Database: RDS

Responsibilities:

Responsible for Creating, Managing and Monitoring Build and Deployment/Release using Jenkins. Planning, Creating, Managing and Monitoring infrastructure for various builds for different products on AWS. This includes AWS services like. IAM, EC2, S3, Load Balancer, Autoscaling, SES, Cloud Watch, Route53. VPC, Security Groups, Elastic Beanstalk, etc. Automated various processes wherever feasible like build monitoring report for early detection of errors. Managing. Patching of EC2 fleet using SSM service

**Project Title: Axtria- Insight-Max: Reusable Application Server Architecture using Terraform.**

Role: DevOps/ Terraform

Description: Created application server architecture with Terraform. As per the client requirements created a two-tier application server that has two subnets.

Environment: Terraform

Database: AWS RDS

Responsibilities:

Build Terraform scripts for AWS highly available and secure infrastructure. Create Terraform module for VPC, Subnets, Internet Gateway, NAT Gateway, Route Table, Security Group, Key pair, and Elastic Beanstalk Created state file lock in S3 Bucket and Dynamo DB for terraform state files so that it can be used by various teams simultaneously. Implemented additional AWS Services in terraform files to meet project requirements. Troubleshoot any operational issues related to the infrastructure.

**Project Title: Axtria- Ingenious Insights: Deployment of Salesforce Python services.**

Role: DevOps/ Deployment Activity

Description: Perform Deployment of Python Application on both UAT and Production

Environment: Salesforce org, EC2 Window Server, Vault, IIS Server.

Responsibilities:

Established a Jenkins pipeline to streamline the deployment process, eliminating the need for manual intervention when deploying applications. Set up Hash Corp Vault to securely store sensitive information Such as keys, passwords, etc. Integrate Vault with python server to fetch the required secrets securely during the deployment process. Set up Deployment server as Slave Node for Jenkins server.

Ensure the necessary plugins (e.g., Java, Git, Choco) are installed on the Jenkins server and the slave node.  
Perform Deployment with the help of Jenkin pipeline.  
Mapping of Deployed python services for hosting on IIS webserver.  
Test the mapping to ensure the Python services are accessible through the IIS web server.  
Installing Package and Configure the Python services' endpoints in Salesforce Org, ensuring they are exposed and accessible securely.  
Troubleshooting and providing customer support in case of any issues

**Project Title: Cutting Chai Technologies: Implementation of Angular web application**

Role: DevOps ENGINEER

Description:

Designed and implemented a continuous build-test-deployment (CI/CD) system with multiple component pipelines using Jenkins.

Environment: Node, NPM, PM2

Database: Neo4j

Responsibilities:

Monitoring API server and Database using Nagios.

Create CI/CD pipeline for deploying on Prod & Test Environment.

Grafana Dashboard of API call by capturing Nginx log using telegraf.

**Project Title: Bryzos: Employee DB Portal Implementation**

Role: DevOps ENGINEER

Description: Automate Deployment using configuration Management tool like Code Commit, Code Build, Code Deploy, Code Pipeline

Implemented AWS solutions using EC2, S3, Elastic Load Balancer, Auto scaling groups. Managed Ubuntu Linux

Environment: Node JS and AWS

Responsibilities:

Deploying Application to Amazon Elastic Cloud.

Configuration of Security groups of the EC2 Instances

Configuration of ELB and Autoscaling of Application in AWS.

Monitoring the Application using CloudWatch Logs.

**Project Title: Catsol: AWS Manage Services**

Role: DevOps ENGINEER

Description:

Environment: Server Maintenance Activity and monitoring Setup

Responsibilities:

Provide support in AWS management services for server maintenance activity.

Set up cloud watch agent and Alarm on servers to get complex matrix of memory and Disk Utilization for monitoring.

Setting up a lifecycle and retention policies for volume and AMI backup of EC2 servers.

Install SSM agent on the servers and using SSM Patch manager Scan instances and generate patch compliance report missing patches.

Applying latest patch on servers in both production and Dev Environment for monthly basis

**Company Name: Rishi Kirti Technologies**

**Joining Date:** 22 July 2019

**Last Working Day:** 31 August 2019

**Job Designation:** JDE Technical Consultant

**Job Location:** Gurugram (Delhi).

**Job Description:** Development of JD Edwards EnterpriseOne Reports and Application.

**Project Title: Pernod Ricard**

Client name: Pernod Ricard

Project type: Implementation

Modules Implemented: Distribution

Version: 9.2

Duration: August 2017

**Company Name: Cyret Technologies**

**Joining Date:** 13 Feb 2017

**Last Working Day:** 28 June 2019

**Job Designation:** Associate Technical Consultant

**Job Location:** Pune (Maharashtra).

**Job Description:** Development of JD Edwards EnterpriseOne Solution for clients and provide support in case of operational issues.

**Project Title:** El-Ajou Group

Client name: Al Jeel Medical Company.

Project type: Implementation

Modules Implemented: Distribution

Version: 9.2

Duration: June 2017 to Feb 2019.

**Project Title:** Cargills (Ceylon) PLC

Client name: Cargills Sri Lanka

Project type: Upgrade 9.0 to 9.2

Modules Implemented: Distribution

Version: 9.0, 9.2

Duration: April 2019 to June 201

**Personal Details:**

Name : Manashwi Vyas  
Father's Name : Rajesh Vyas  
DOB : 18<sup>th</sup> Oct 1988  
Status : Single  
Nationality : Indian  
Gender : Male  
Address : 96, Balak Das Ki Talliya, Kagdipura  
Behind Shiv Temple, Vidisha (M.P) – 464001.

**Declaration:**

I hereby, declare that all the information given above is correct and if any misleading information is being found in the aforesaid, I will be responsible for that.

**Place:** Pune

**Date:**

**MANASHWI VYAS**