

Manashwi Vyas

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Summary

- Have more than 8.5 years of experience in the IT industry with 4.10 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
- AWS Certified Solutions Architect Associate
- Microsoft Certified: Azure Fundamentals
- 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: Engineering Lead

Project Title: IBM Cloud VPC - VMware_Offshore_1

Role: AI-Ops

Description: Platform Operations and DevOps Engineer

Environment: IBM Cloud

Responsibilities:

Administering ROKS environments, including patching and upgrading clusters and worker nodes.

ROKS Ingress Certificate Rotations: Managing the rotations of ROKS ingress certificates to maintain secure access.

Involvement in Go-live events to ensure operational readiness.

Troubleshooting and resolving issues within the ROKS environment.

Administering CI/CD pipelines for efficient application deployment.

Upgrading cluster plug-ins to maintain compatibility and enhance functionality.

Deploying and refreshing microservices for seamless operations.

Secret Manager Administration: Managing Secret Manager instances, including control and management plane activities, creating and rotating secrets, and supporting Go-live events.

Security: Addressing security tasks in IC4V environment related to Cluster and Worker Node refresh to latest versions

Providing evidence to security focal for security reviews.

Project Title: WFM - Workstream 1 - ADO_Pipeline_Migration_Offshore_1

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 : 18th 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