

Rahul Tipole

Shukrawar Peth, Pune.

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Summary

Skilled DevOps Engineer with 2+ years of hands-on experience supporting, automating and optimizing mission critical deployments in AZURE, DOCKER, KUBERNETES, TERRAFORM, leveraging configuration management, CI/CD, and DevOps processes. As well as Hands-on experience with AWS (EC2, ECS, ELB, EBS, S3, VPC, IAM, Cloud Watch, Route 53) and JENKINS.

Work Experience

MARCH 2019 - PRESENT

IWORK TECHNOLOGIES PVT. LTD, Pune, Maharashtra. – DevOps Engineer

Technical Skills

- Operating Systems: Windows, Linux
 - Cloud Technologies: MS Azure, AWS
 - DevOps: Microsoft Azure DevOps
 - Containerization: Docker, Kubernetes
 - Configuration management: Terraform
 - Logging & Monitoring: Azure AI, Cloud Watch, Kubernetes Dashboard, Grafana, Loki
 - Scripting: Powershell, Bash
 - Continuous Integration: Jenkins
 - Version control: GIT
 - Web Servers: Apache, Nginx, IIS
 - Database Systems: MySQL, MongoDB
 - Bug Tracking: JIRA
 - Documentation: Confluence
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Projects Walk-through

■ Project 1: Skipcart :

Skipcart is a driver management application in the retail industry. The objective is to delivery clients goods from store to their destination.

Responsibilities:

- Azure CI/CD devops pipeline setup and Deployment on app services.
- Docker image creation, Terraform kubernetes Scripts for AKS, Deploy in Multiple regions Using CI/CD Pipelines.
- Working on creation of (SMI)SQL managed Instances and Azure Db.
- Perform database backups and restores using azure portal and CLI.
- Monitoring the servers on Azure Application Insights,Kubernetes dashboards, Grafana Dashboards.
- Multiple region Traffic Routing Using Traffic Manager.
- Linux Container deployment Using Powershell Script : nginx & Project Microservices.
- Certificate Binding to AKS cluster and App services.
- Handling and Deploy Multiple Environments as well as work on Database Updation.
- Setting Up Auto Scaling for App services and Inside AKS cluster.
- Developed & maintained Product release notes and feature enhancements on confluence.
- Working on JIRA software for real time bug tracking and issue management.
- Reduced costs by ~\$300 each month by eliminating unnecessary servers and consolidating databases.

Environment:

AZURE (VM, App service, AKS, SQL Managed Instance, Container Instance, Registries, Azure Vault, Application Insights), YAML, Terraform, Docker, Kubernetes, Version Control, Sourcetree, FileZilla, Powershell Scripts.

■ Project 2: Torpedu :

Torpedu is a Learning Management System (LMS) for educational institutions and corporations.

Responsibilities:

- Docker image creation, Terraform kubernetes Scripts for AKS.
- Installing Linux MongoDB Enterprise Edition.
- Deployment in Multiple regions Using Azure CI/CD Pipelines.
- Managing Google Domains.

Environment:

AZURE (VM, App service, AKS, SQL Managed Instance, Container Instance, Registries, Azure Vault, Application Insights), YAML, Terraform, Docker, Kubernetes, Sourcetree.

■ Project 3: EDMS :

Energy Data Management System (EDMS) is an enterprise energy efficiency program management system with various features like; CRM, auditor enrolment, scheduling, dynamic workflow, data collection, quality assurance, incentive management, ability to integrate with various calculation engines, analytics, dashboards and custom reporting.

Responsibilities:

- Actively Involved in the entire pipeline setups and jenkins configuration.
- Setting up Continuous delivery framework using Jenkins.
- Responsible for Administering and maintaining Jenkins.
- Auto scheduling Deployments using CRON Jobs.
- User management: User accessibility, Managing Users and their Roles, Creating Project Roles.

Environment:

Jenkins, Bitbucket Cloud, AWS.

■ Project 4: DesignTech Systems :

DesignTech is a learning and student management system for mechanical engineers and product design analysts.

Responsibilities:

- Maintain services hosted in AWS managing EC2 instances, Auto Scaling groups, EBS, ELB, S3, Route 53, IAM account management.
- Created Customized AMIs based on existing AWS EC2 instances by using create image functionality, hence using this snapshot for disaster recovery.
- Creating CloudWatch Alarms, Installing AWS Agent and adding into a Cloud Watch.
- Creating LifeCycle Policies for Auto-backup Process.

Environment:

AWS (EC2, AWS Route53, VPC, AWS IAM, AWS RDS, AWS S3, AWS ELB, Cloud Watch),Linux.

■ Some Medium Range Projects which I am Working on (AWS Env):

(CPC, Sukmah, Whizible, Login Asia, vitalife, Iwork Tech site)

Responsibilities:

- Hosting On AWS EC2 (IIS), Binding certificates, Auto data backup script on Windows.

- Cloud Watch Alarms, Deployment and Monitoring.

Environment:

AWS (EC2, AWS IAM , Cloud Watch), IIS, Linux.

Education

July 2014 - June 2017

G.H.Raisoni COEM, PUNE University- BE Computer

August 2018 - January 2019

CDAC ACTS, PUNE- (PG-DHPCSA)

Personal Details

Name : Rahul Balasaheb Tipole

Permanent Address : P-9, Behind Market yard, Near Kardile Niwas, Ahmednagar, 414001

Current Address : FN-4. 614-Oriental Complex, Shahu Chowk, Shukrawar Peth, Pune, 411002

Date of Birth : 15-Nov-1993

Gender : Male

Citizenship : Indian

Languages : English, Hindi, Marathi

Declaration

I hereby declare that the above written particulars are true to best of my knowledge & Belief.

Date: - / / 2021

Place: - Pune

Yours Sincerely,
(Tipole.R.B)