Raj Manohar Nichenakolla

DevOps Engineer

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PROFESSIONAL SUMMARY:

This is Raj Manohar working at **Zelarsoft** as a **DevOps Engineer**. Having 2+ years of experience in Configuration Management covering Build Management, Version Control, CodeQuality,Infrastructure Provisioning, Environment Administration, Release-Management, Continuous-Integration,Continuous-Delivery, Cloud Computing and Scripting for Automation, Orchestration Technologies, and Operating Systems - Linux, Windows.

TECHNICAL SKILLS:

- Operating Systems – Linux, Windows
- Cloud Platforms - AWS, AZURE(infra provisioning)
- Containerization Tools – Docker, Kubernetes (Basics)
- Automation – Shell Scripting, Ansible, PowerShell
- Infrastructure Provisioning – Terraform, ARM Template, Bicep Language, Cloud Formation
- Version Control Tool – GIT, Azure Repos, bitbucket
- Build Software – Maven, MSBuild
- CICD – Jenkins, Azure DevOps
- Web/App Server – Nginx, Tomcat

- Ticketing – Azure Boards, Trello

WORK EXPERIENCE:

- Experience in IT area comprising configuration management, Deploy, CI/CD pipeline, Cloud, and **DevOps** methodologies.
- Expertise in troubleshooting the problems generated while building and deploying.
- Working Experience on **Git**, **GitHub**, and **Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining Jenkins build pipeline.
- Working Experience in **Azure Cloud** and **Azure DevOps**

- Experienced in Branching, Merging, and Tagging concepts in Version Control tools like GIT.
- Proficient in developing Continuous Integration / Continuous Delivery pipelines.
- Experience with containerization tools like **Docker**.
- Experience on build tools and packaging the source code using **Maven** and **MSBuild**.
- Scheduled builds overnight to support development needs using Azure DevOps, **Azure Repo**, and MSBuild.
- Experience in integrating Unit Tests and Code Quality Analysis Tools like SonarQube.
- Experience in using **Nexus** Repository Manager, **S3** and **Azure Artifacts** for Storing Build Artifacts.
- Experience with **Amazon Web services** Creating, configuring and Managing EC2, Storage, IAM, S3, VPC, ELB, Cloud Watch, EFS, Route53, Elastic Cache and Other services.
- Working experience on operating systems like **Linux**, and **Windows**.
- Performed continuous Build and Deployments to multiple DEV, QA, Pre-PROD, and PROD Environments.
- Working Experience in **Shell Scripting, Ansible and powershell.**
- Ability to learn new skills quickly.
- Basic Knowledge on Powerapps.
- Azure Cloud infrastructure is provisioned using Azure bicep Template

EDUCATION:

B-Tech – Electrical and Electronics Engineering – 2018
Intermediate – MPC – 2014
10th class – SSC – 2012

PROFESSIONAL EXPERIENCE:

Working as **DevOps Engineer** with **Zelarsoft Pvt Ltd** from March 2021 to till date.

Worked as a **DevOps intern** for **Hashedin by Deloitte** from December 2020 to Feb 2021

PROJECT-1:

Name: **Celito Drug Development Platform** (CDDP)
Client: **Celito Tech**

Tools: Azure Cloud Services, Azure DevOps, PowerShell, Power Apps, Windows OS, Power BI, Octopus, SharePoint, XRM, playwright.

Roles and Responsibilities:

- Worked with team to Develop Application Requirements.
- Created a Workflow & Branching Strategy with the Requirements.
- Setup/managed Azure Repos and Branching Strategy.
- Established a Build/Release pipeline with automated build and Continuous-Integration.
- Automated the provisioning of PowerApps Environments (Dev, Staging, Pre-Prod, Prod) using Azure DevOps Tasks and Azure resources (App Registration, App configuration, Service bus, Storage account, Blob, Back-up Center, Cosmos DB, Key Vault, Azure VMs) using PowerShell and BicepTemplates.
- Validated Azure Resources during provisioning & pre-configuration by writing a PowerShell Script.
- Monitored Automated build & Continuous-Integration process to drive Build/Release Failure Resolution.
- Automated and Implemented system backup and recovery procedures.
- Worked with Software Development and Testing-Team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Documented project design for reference and future use cases.
- Involved in CI/CD process and integrated SonarQube with Azure DevOps for Quality Analysis.
- Have hands-on experience in writing PowerShell when needed to automate jobs and tasks in the pipeline.
- Experience deploying infrastructure resources utilizing ARM templates.
- Maintained Source code Repositories.
- Implemented high availability with Azure classic and Azure Resource Manager (ARM) deployment models.
- Ability to Document deployment processes and transfer knowledge to other operational team members.
- Ensure all cloud deployments follow established workflows.
- Supports Development and production systems and deployments.

Certifications:

- **AWS Certified Solutions Architect - Associate**

Blogs:

- [Azure DevOps introduction](#)
- [Technical Challenges faced when using Azure DevOps](#)
- [ARM Template vs Bicep Language for provisioning Azure Resources](#)
- [Installation of Azure Bicep](#)

Declaration:

I hereby affirm that, to the best of my knowledge, the information provided above is accurate.

Place: Hyderabad   Raj Manohar