

## SOFTWARE ENGINEER

**Mansoor Pyapili**

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### PROFESSIONAL SUMMARY

#### Professional Experience:

- Overall, 3+ Years of IT industry experience on IT Infrastructure, Cloud, DevOps and SDLC.
- DevOps Engineer over 3 years of Experience in **Git, GitHub, GitLab, Maven, Jenkins, SonarQube, Nexus, Terraform, Docker and SDLC Methodologies.**
- automated build and deployment process with **Jenkins** and **maven**, eliminating **80%** of the manual work.
- Experience with AWS-including but not limited to EC2, S3, IAM, VPC, EKS, Cloud Formation.
- **Build** and **deployments** under different testing environments starting from development to staging and production.
- Working Experience on **GitLab, Git, Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining **Jenkins build pipeline**.
- Used **XLD** and **XLR** for automation.
- Expertise Knowledge in version control system in **GIT**.
- Hands-on knowledge on CI/CD pipeline.
- Good knowledge on Linux Administration.
- Experience with **Linux/Unix environments** and **scripting** for Build & Release automation.
- Installed Jenkins custom Plugins, handled administration, backup and migration activities.
- Experienced on **Branching, Merging, and Tagging** concepts in Version Control tool like **GIT**.
- Strong experience on build tools and packaging the source code using **Maven**.
- Experience in maintaining application servers like **Apache Tomcat**.
- Working experience on **Docker** containerization tool and deployed various applications to various environments.
- **Docker** installation and image setup.
- Experience in working with Kubernetes for container orchestration tool to deploy and maintain containers or pods.
- Good experience on **Amazon Webservices (AWS)**, Creating **EC2** Instances and configuring all required services.
- Working experience on operating systems like **Windows, Linux, macOS** etc.
- Performed continuous **Build and Deployments** to multiple **Production** environments.
- Implemented process for **release management, automated code deployment, configuration management** and **monitoring**.
- Collaboration with development teams to ensure that code is properly built, tested, and deployed.

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- Experience with Cloud technologies such as **AWS**. Experience with **continuous integration, delivery, and deployment** (CI/CD) tools such as **Jenkins, GitLab**.
- Experience with **container orchestration** platform such as **Kubernetes** and **Docker**.
- Ability to handle multiple modules/tasks, prioritize and meet deadlines.
- Knowledge of security best practices for **cloud infrastructure** and **websites**.
- Problem Solving & Critical Thinking.
- Teamwork & Collaboration.
- Ability to learn new skills quickly.

### SKILLS

- |                               |   |                           |
|-------------------------------|---|---------------------------|
| • Version Control Tools       | : | GitLab                    |
| • Code Review                 | : | SonarQube                 |
| • Containerization Tool       | : | Docker/Kubernetes         |
| • Build Tool                  | : | Maven                     |
| • Continuous Integration Tool | : | Jenkins, CI/CD automation |
| • Web Server                  | : | Apache Tomcat             |
| • Operating Systems           | : | Windows, MacOS and Linux  |
| • Monitoring Tools            | : | Grafana, Prometheus       |
| • Ticketing Tool              | : | ServiceNow                |
| • Cloud Environments          | : | AWS                       |
| • Infrastructure Provision    | : | Terraform/CloudFormation  |
| • Scripting language          | : | Shell scripting           |
| • Automation                  | : | XLR and XLD               |

### PROFESSIONAL EXPERIENCE

- ❖ Working as a **Software Engineer** at **Tech Mahindra Ltd** from Sep-2021 to till date.

### ACADEMIC CREDENTIALS

- ❖ B.Tech in Electronics & Communication Engineering from **JNTUA University-2020**.

### ACHIEVEMENTS

- ❖ Best Team Award
- ❖ Tech Mahindra Bravo Award

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### PROJECTS HANDLED

#### **PROJECT 1: Working as a Software Engineer at Tech Mahindra Ltd from Sep 2021 to Present**

**Project Client:** Tech Mahindra

**Domain:** Internal project

**Team Size:** 3

#### **Roles and Responsibilities:**

- Installing and configuring **SonarQube, Nexus, XLD** and other devops tools.
- Installing and configuring **GIT, Jenkins, Deployment** and **automation**.
- Handling the complete **SDLC** process for infrastructure management in various servers.
- Releases for a team that involved different development teams and multiple simultaneous software releases.
- Used **shell scripts** to day-to-day activities and tasks for automating.
- Using **XLD** and **XLR** for deployment automation.
- **XLD** and **XLR plugins, releases backup migration** and **connections tests** for automation.
- Configuring the Applications, Environments and Infrastructure on **XLD** for ease of Deployments.
- Creating **Templates, Releases** and schedule the releases based on the event triggers on **XLR**.
- Using **Kubernetes** for the microservice deployment.
- Maintaining the **source code** in **GIT** for various applications.
- To configure and maintain codebase to support the build and deployment of code on servers.
- Responsible for the **Plug-in Management, User Management, Build/Deploy Pipeline Setup** and End-End Job Setup of all the projects.
- **Jenkins** is used as a Continuous Integration tool for automation of daily process.
- Involved in the release process and deployed applications (WAR and JAR) to the **Tomcat**.
- Using **Grafana** and **Prometheus** monitoring the stats of the **network, CPU speed** and other **stats**.

#### **Personal Details:**

- Languages Known: Telugu, Hindi and English

#### **Declaration:**

I hereby declare that all the above furnished information is true to the best of my knowledge.

**Place:** Bengaluru.

P Mansoor