**Manideep Kumar**

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**professional summary :**

* Having overall 1.7+ years of experience in Devops and Automation tools development and application development
* Experience in creating and maintaining the ci/cd pipelines using jenkins
* Working knowledge in building Docker images and knowledge in orchestration with Kubernetes using azure kubernetes service
* Working knowledge in configuration management using chef
* Working knowledge in infrastructure provisioning using Terraform
* Worked on Agile process
* Hands on experience in linux environments
* Developing automation shell scripts and python scripts
* Working knowledge on AWS services like S3, EC2, RDS, Lambda, VPC, IAM, CloudWatch
* Hands on Experience in developing internal tools for productivity for Digital Learning Objects and uploading in s3
* Working with development team for maintaining Digital Learning Objects in git
* Hands on experience in developing web application

**Professional Experience :**

Currently working as a software engineer at FortunaPIX Pvt Ltd, Hyderabad from March 2018 to till date

**Technical Skills :**

Containers Docker

Orchestration Kubernetes

Continuous integration Jenkins

Version control system Git

Build tools Maven

Configuration management Chef

Infrastructure provisioning Terraform

Scripting Shell, Python, JavaScript

Cloud Aws

Repositories Docker hub, mvnrepository, node package manager, ruby gems

Operating Systems Linux, Windows

Programming Languages Java

Frameworks Spring

Java Technologies JDBC, JSP

Database MongoDB, MySQL

Web Technologies HTML, CSS, JQuery

Ide Eclipse

Text Editor Vim, Sublime Text, Visual Studio Code

**Roles and Responsibilities :**

* Responsible for creating jobs in jenkins for building and deploying the applications.
* Creating docker files for applications and building the images and pushing into repositories.
* Creating cookbooks for configuring and deploying the applications.
* Creating cloud infrastructure using terraform.
* Maintaining source code for various applications
* Developing lambda functions in aws
* Responsible for uploading and downloading data in s3
* Creating automation scripts for maintaining the Digital Learning Objects
* Created selenium automation scripts for git repositories creation
* Developing scripts effectively to reduce the time and manual effort

**Project 1**

**Title :** Lernwise

**Domain :** Education

**Role :** Devops Engineer

**Environment :** Jenkins, Docker, chef, Git, Linux, Aws, Shell Scripting, puma, apache, solr, mongodb

**Roles and Responsibilities :**

* Setting up the infrastructure automation in ec2 using terraform
* Setting up the deployment automation for ruby based project Jenkins, shell scripting
* Involved in branching, tagging of code delivery at required releases
* Involved in Jenkins automation process
* Created Chef Cookbooks, automation for configuration
* Responsible for setting up the environment for new developers on their machines

**Project 2**

**Title :** Lernbook

**Domain :** Education

**Role :** Devops Engineer

**Environment :** Jenkins, chef, Linux, Aws, Shell Scripting, apache

**Roles and Responsibilities :**

* Responsible for all the operations automation while converting the static pdf books to interactive pdf books and this project is react js app based

**Project 3**

**Title :** Questions Authoring Tool

**Domain :** Education

**Role :** Devops Engineer and Developer

**Environment :** Jenkins, Git, Maven, Linux, Aws, Shell Scripting, solr, Apache Tomcat, mongodb

**Roles and Responsibilities :**

* Setting up the build and deployment automation for java based project Jenkins, shell scripting and maven
* Involved implementing the search functionality using solr.
* Involved implementing the database activities
* Providing this data dump for multiple application using jenkins, Shell Scripting

**POC 1**

**Title :** BigBlueButton

**Description :** BigBlueButton is a open source web conference system. i am configured whole setup and openssl certificate

**Academic Details :**

I have completed B-Tech from Guntur Engineering College

**Declaration :**

I here by declare that all the information mentioned above are true to the best of my knowledge.

**G.Manideep**