Name : kakarla madhu babu

**Mail:** [**kmadhubabu454@gmail.com**](mailto:kmadhubabu454@gmail.com)

**MOB No: 8464055818**

**CAREER OBJECTIVE**

Aspire to work collaboratively with software engineering to deploy and operate system, help automate and streamline operations and processes.

**ACADEMIC PROFILE:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **College/School** | **Board/University** | **Year of passing** | **Percentage** |
| B.Tech  ME | Annamacharya Institute of Technology and Sciences,  Rajampet. | JNTU,  Ananthapur. | 2019 | 74% |
| Diploma | ESC Govt polytechnic college,nandyal. | State board of technical education | 2016 | 80% |
| SSC | Nagarjuna EM/TM high school,nandyal. | Board of Secondary Education | 2013 | 8.3(GPA) |

**PROFILE SUMMARY**

* I am a trained DevOps Engineer Professional.
* I did a project on continuous integration and continuous delivery methodologies by using Jenkins, Git and Ansible.
* I did projects on build management tools such as Jenkins, Maven.
* I did a project on Jenkins, master-slave for multi machine builds.
* I did a project on SCM tools like Git for branching. Tagging and version management.
* I did a project on code coverage tools like SonarQube.
* I did a project on conﬁguration management tools such as Ansible
* I did a project on Amazon EC2 Cloud deployment using DevOps tools like Jenkins, and Ansible.
* I did a project on PlayBook for automation using Ansible.
* I did a project on a module for automation using Ansible.
* I did a project in delivering Container based deployment using Docker, kubernetes.
* I have knowledge on Linux practically.

**DEVOPS**

* Support the engineering teams regarding CI/Build tools, Environments and Automation.
* Involved in Branching, Tagging and Merging of code delivery at required releases using Git
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using SonarQube
* Conﬁguring the Day and Night Builds for the sprint teams in Jenkins
* Help Development teams automate the environment setup using tools like Ansible and Chef
* Setup DEV, QA and UAT environments for every sprint  using Chef and Ansible
* Build engineering automation and productivity  tools  to  streamline deployment pipeline.
* I   have   knowledge   on   Writing   PlayBooks and  modules to automate infrastructure using Chef and Ansible
* Conﬁguring CRON Jobs for executing daily activities such as Backup/Archive etc in Chef
* Automated the deployments to DEV and QA Environments by picking up builds from Jenkins using ansible
* Automation of the compilation, continuous integration, testing, packaging, and distribution of software
* Setting up and maintaining monitoring & alert systems for servers.
* I have knowledge in Maintaining system-monitoring with Nagios.
* I have knowledge on Setup and maintain log-monitoring using ElasticSearch, LogStash and Kibana.
* Troubleshoot and resolve issues related to application deployment and operations
* Working with cross functional, distributed team to provide 24X7 deployment support across multiple environments
* Reviewing the technical architecture requirements to assess the DevOps Activities.

**INDUSTRIAL VISIT &WORKSHOPS:**

* Visited **“Central institute Of plastics Engineering & technology Chennai”**
* Participated In One Day WorkShop on**” lean Six Sigma”**
* Participated In One Day Workshop “**Entrepreneurship”**

PROJECT

* Mini Project on Bladeless fan
* A project on Degradation behavior of zirconium oxide and tricalcium phosphate coated magnesium alloy for orthopaedic applications

**TECHNICAL SKILL SET AND KNOWLEDGE**

* **Conﬁguration Management** :Ansible, Chef
* **CI Tool** : Jenkins, Maven
* **Version Control** : Git
* **Code analysis** : SonarQube
* **Containerization** : Docker,Kubernetes
* **Monitoring** : Nagios
* **Application monitoring** : ELK
* **Virtualization** : Vagrant, VirtualBox
* **Artifactory** : Jfrog
* **Cloud :** AWS Cloud

**Place: Hyderabad.**

**k.madhu babu.**