## 

## E-mail: karthikvempalli7@gmail.com Karthik Vempalli phone: +91- 9019181394

**Devops Engineer**

# career objective

Seeking a Challenging Position in a cloud environment within a large exiting company where my extensive professional and practical experience will be fully utilized for infrastructure/DevOps Professional.

# profile summary

* 5 Years of experience as a **Software Engineer** with technical expertise in Build and Release Management, Continuous integration and Deployment, Software configuration management and Application Development.
* Hands on experience with version control tool like **GIT, GitHub**.
* Experience on, **GIT**- Created branches, tagging, Merging providing access permissions to the developers over branches.
* Good Experience in **GitHub** and Configure git with Jenkins and schedule jobs using **POLL SCM** option.
* Expertise in using Build tools like **Maven** for Building and Deployable artifacts such as War&Ear from source code.
* Good Experience in **Continuous integration** using the **Pipeline** View, Integrated Sonar to run as part of Jenkins Build job, Monitoring **Nightly Builds** and **Daily Builds** and Deploy with different Environment like **QA, UAT, DEV, PROD**.
* Good Experience in **Dockerizing** the Applications, In **Dockerfile**, Creating **Docker images** and configuring the **Docker Containers**.
* Experience on creating **Kubernetes** manifest files like **Daemon Set** and **Replication controller**, **Replication Set** and Deployments.
* Strong Experience in Kubernetes cluster setup and Deploying Applications in **Kubernetes clusters**.
* Implement **CI/CD** using Jenkins, Docker & Kubernetes.
* Good experience in deploying the artifacts in **Nginx**.
* Experience in writing **Ansible** playbooks and **Ansible roles** for Configure management, Sharability and Reusability in Ansible.
* Hands on Experience in AWS Cloud such as creating **EC2, S3, ELB, EBS, EFS, IAM, Auto Scaling and Security Groups.**
* Creating/Managing snapshots and Volume upgrade, Downgrade AWS Resources (CPU, Memory EBS).
* Developed applications using **Mean stack**
* Involved in performing complete lie cycle development (Application design / development)
* Good knowledge on methodologies like **Agile** for project planning and execution.

# aCADEMIC PROFILE

Master of Computer Applications from Nagarjuna University, Guntur, **AP, 2013-2016**

# experience summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Designation** | **Organization** | **Duration** | **Work Field** |
| Software Engineer | Cloud Canyon | 5Years | IT- Software |

# technical skills

|  |  |
| --- | --- |
| **Category** | **Skills** |
| **Version Control System tools** | GIT, GitHub |
| **Operating Systems** | Linux (Redhat, Ubuntu) |
| **Configuration Management** | Ansible |
| **SSH Client Tool** | Putty |
| **Scripting** | Shell Scripting |
| **Build Tools** | Maven, NPM |
| **Container Orchestration Tools** | Kubernetes, Docker-Swarm |
| **Cloud Services** | AWS (EC2, S3, EBS, EFS, ELB, IAM) |
| **Application Server** | Nginx |
| **Continuous Integration Tools** | Jenkins |
| **Containerization tool** | Docker |
| **Bug Tracking Tool** | JIRA |
| **Artifactory Storage** | Nexus |
| **Code Quality Analysis Tool** | SonarQube |
| **Frameworks / Technologies** | JavaScript, Angular and Node JS |
| **Database** | Mongo dB |

# project summary:

**Project 1: Eztax**

**Duration: Apr 2020 –till Date**

**Roles and Responsibilities:**

* Creating GitHub repositories and specified branching strategies that best fitted the needs for the clients.
* Configured GitHub with Jenkins and Schedule jobs using POLL SCM, GitHub Webhooks and Build Periodically option.
* Responsible for continuous integration using the pipeline view.
* Define dependencies and plug-ins in package.json for various activities and integrated Jenkins with GitHub to manage and Deploy project related tags.
* Analysis of source code using SonarQube. Uploading Build Artifacts in Nexus repository.
* Uploading Artifacts and Docker images to Nexus Remote Repository. Designed and managed CI/CD work flows using tools such as Jenkins, Ansible.
* Work cross-functionally across infrastructure, Development and QA teams to Build processes around change control and release management to help deliver products to market in a rapid, repeatable, and consistent manner.
* Used AWS Services like S3, EC2, NFS, VPC, ELB, IAM and Auto-scaling.
* Writing manifest files like replication controller, replica set, daemon set and deployment.
* Scale up the pod’s and scale down the pod’s using HPA.
* Creating name spaces in Kubernetes Cluster.
* Creating Kubernetes cluster and adding worker Node to master Node.
* Involved in developers code review and merging activities.

**Environment:** Node 14.3, Angular 9, Nginx, Mongo dB , AWS.

**Project 2: illuminations Bible**

**Duration: Jun 2019 –2020 Mar**

**Roles and Responsibilities:**

* Requirement analysis, design, implementation, coding, testing and maintenance.
* Participated in all stages of development life cycle.
* Work as part of highly collaborative, cross functional, agile product development team to develop a new responsive web application.
* Customized entities, forms and views
* Configured GitHub with Jenkins and Schedule jobs using POLL SCM, GitHub Webhooks and Build Periodically option.
* Responsible for continuous integration using the pipeline view.
* Define dependencies and plug-ins in package.json for various activities and integrated maven with GitHub to manage and Deploy project related tags.
* Involved in developers code review and merging activities.

**Environment:** Node 10.3, Angular 6, Nginx, Mongo dB , AWS.

**Project 3: Prydo office admin**

**Duration: Jan 2018 –2019 Mar**

**Roles and Responsibilities:**

* Requirement analysis, design, implementation, coding, testing and maintenance.
* Participated in all stages of development life cycle.
* Work as part of highly collaborative, cross functional, agile product development team to develop a new responsive web application.
* Customized entities, forms and views
* Define dependencies and plug-ins in package.json for various activities
* Involved in developers code review and merging activities.

**Environment:** Node 6.4, Angular 6, Mongo dB , AWS.

I declare that the information furnished above is true to the best of my knowledge and I assure you of my sincerity in executing the duties related to the job, should I be given a chance to serve.

**Place:**

**Date: Karthik Vempalli**