**Resume :**

**Vishwanath**

**Mobile: 9916952013**

**Email ID: vishwanathkarkale**[**@gmail.com**](mailto:jerryleen@gmail.com)

**LinkedIn:** [**www.linkedin.com/in/vishwanath-karkalle**](http://www.linkedin.com/in/vishwanath-karkalle)

**Professional Experience:**

Currently working as a **DevOps Engineer** at **Toyota Kirloskar Motors PVT LTD.** with **3+ years** of experience in building and maintaining Business applications, Product Applications.

**Professional Summary:**

* **3** years of experience In Cloud computing in IT Industry **DevOps & Linux, Git, GitHub, Maven, Jira, Jenkins, Ansible, Docker, Kubernetes, AWS, Terraform.**
* Experienced with SCM tool **GIT** along with **GitHub.**
* Experienced in Branching, tagging and version management strategies using **Git**.
* Experienced in build tools like**Maven.**
* Experience on continuous integration like **Jenkins.**
* Experienced on Jenkins by installing, configuring and maintaining for the purpose of Continuous integration (CI) and for End to End automation for all build and deployments.
* Good Experience on writing various scripts in Jenkins to monitor server health and self-heal if necessary. Also, configured email plug-in to send alerts based on groovy script.
* Experienced in implementing**Ansible** to manage all existing servers and automate the build/configuration of new servers and to setup Continuous Delivery Pipeline.
* Experienced in deploying micro services, including provisioning **AWS** environments using Ansible Playbooks.
* Experienced in Configuring and managing web Server and automating this using **Ansible**.
* Experienced in creating custom **Docker** Images using **Docker** file and creating **Docker** Volume and **Docker** Networking.
* Experienced with **Docker** on multiple cloud providers to build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Good knowledge on **Kubernetes and Helm chart.**
* Experience on Docker orchestration and docker Docker containerization using **Kubernetes.**
* Good knowledge on **Apache - Tomcat server.**
* Have an ability to work on Multiple targets and can switch between different projects quickly as   per requirement.
* Experience in configure AWS services like **VPC, EC2, Autoscaling, IAM, EBS, ELB, Cloud watch, RDS, Redshift, ELK,Route53, AWS Lambda and S3,** **SNS, Security Groups, SQS, Cloud Front, DynamoDB etc.**
* Managed servers on the AWS platform instances using **Terraform.** Responsible for deploying customized software deliverables to the various environments like Dev/UAT system.
* Experience on ticketing tools Like **Jira**.
* Having a Solid understanding of OSI Model and **TCP/IP** of Networking concepts.
* Experience with building **Python** programs on Linux or Windows operating systems.
* Having Experience with IDE Microsoft **Visual Studio**.
* Extremely strong in written and interpersonal communicational skills.

**Technical Experience:**

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| --- | --- |
| **Cloud Platform** | AWS. |
| **Containerization Technology** | Docker, Kubernetes. |
| **Version Tools** | GIT, GitHub. |
| **CI/CD Tools** | Jenkins, Ansible. |
| **Operating Systems** | Windows, Linux, Ubuntu |
| **Build Tool** | Maven. |
| **IAAC Tool** | Terraform |
| **Web Servers** | Apache Tomcat |
| **Monitoring Tools** | Grafana, Prometheus, Splunk |
| **Scripting Languages** | Shell (Bash), Python |
| **Code Quality** | SonarQube |
| **Programming Language** | Python |
| **Databases** | MySQL (RDBMS), NoSQL |
| **Networking** | OSI Model, TCP/IP |

**Work Experience:**

Working as a **DevOps Engineer** in **Toyota Kirloskar Motors PVT LTD.** from **September 2020** to present.

**PROJECTS HANDLED:**

**PROJECT1(Slk software)**

**Project Name**              :e-governance  
**Environment** :  Java

**Application Servers**  :  Tomcat

**Devops Tools**    :  GIT, Jenkins, Maven, Docker, Ansible, Kubernetes, ELK, AWS ( (S3, Cloud batch, ALB, cloud formation, Redshift,ELB,EKS,ECS)

**Continuous Code Quality** :SonarQube

**Role** :  DevOps Engineer

**Duration :** September 2020 to till now.

**Roles and Responsibilities:**

* We follow agile methodology and have daily scrum calls to update our daily status.
* Launching Amazon EC2 Cloud Instances utilizing Amazon Web Services (Linux/Ubuntu) and Configuring propelled examples as for particular applications.
* Manage network security using Load balancer, Auto scaling, Security groups Extensively focused on managing existing applications and increasing scalability with AWS Load Balancing (ELB)
* Configuring and Networking of Virtual Private Cloud (VPC)
* Creating S3 bucket and furthermore overseeing strategies for an S3 bucket and Utilized S3bucket and Glacier for storage and backup on AWS.
* Responsible for implementation of branching methodologies.
* Managing the source code control system.
* Created **Jenkins** CICD pipelines for continuous build & deployment and integrated **SonarQube** plugins in Jenkins for automated testing and for Code quality check.
* Wrote Jenkinsfile in declarative pipeline script in **Groovy-DSL** method.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Utilized **Kubernetes**for the runtime environment of the **CI/CD**system to build, test deploy.
* Proposed and implemented new work-flow and automation for better and faster code deployments with less manual changes requirement for every deployment using **Ansible.**
* Communicate releases related activities to all the teams and take their feedback to improve the process.
* Performing with project teams to identify apt build schedule and initiate packaging and build process.
* Deployed JAVA/J2EE applications through Tomcat Application servers.
* Developing an automated, continuous, build process that reviews the source code, identifies build errors and notifies appropriate parties to expedite/facilitate synchronization to the latest build.
* Correct build errors working with development engineers.
* Respond constantly to automated test and build issues.

**Personal Details :**

    Name       :    Vishwanath karkalle

    Father name         : Basavaraj

    Date of birth       : 12/03/1999

    Gender       :      Male

    Address                 :     #1/114,NH-9 Main road Molkhera,P|| Molkhera D|| Bidar-585330 KA.

    Marital status       : Unmarried

    Languages       : English, Kannada, Hindi, Telugu, Tamil.

**EDUCATIONAL DETAILS:** -

Completed My Bachelor of Engineering degree at the **Visvesvaraya Technological University (VTU), Belgaum** from the year of 2016-2020.

**DECLARATION:**

I hereby declare that the above furnished information is true and promise that I will work hard up to the satisfaction of my superiors and company if I am provided with the opportunity.

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| --- | --- |
| Place: Bengaluru | Yours Truly, |
| Date: 01/01/2024 | **Vishwanath.** |