**Karthik Shyam**

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**OBJECTIVE: -**

To obtain an active and dynamic position in an innovative development environment as DevOps Engineer, where I can use my expertise for the potential growth of the organization and self.

**IT Skills: -**

|  |  |
| --- | --- |
| Operating Systems |  **RHEL, Ubuntu (Multiple flavours)** |
| Scripting |  **Bash** |
| Version Controls Systems |  **GIT, GITHUB** |
| Build Tools |  **Maven** |
| Repository Management |  **Nexus & Artifactory** |
| Middleware |  **Apache Tomcat, Nginx** |
| CI/CD Tools |  **Jenkins & Hudson** |
| Code Quality Check |  **SonarQube** |
| Configuration management Tools |  **Ansible** |
| Monitoring Tool |  **Newrelic** |
| Containerization |  **Docker Containers** |

**Profile Summary: -**

* Having 2+ years of experience in IT field with a combination of **DevOps Engineer.**
* Expertise in supporting multiple projects during builds and release process.
* Hands on experience with version control tool like **GIT** and **GIT HUB.**
* Experienced in Version Control System tools like **GIT**.
* Experience in Automation Build Tools like **MAVEN** and creating packages like **WAR, EAR, JAR.**
* Hands on experience with **Maven** build tool for writing **pom.xml** files, respectively.
* Experience in using **NEXUS** and **ARTIFACTORY** Repository manager for **Maven** builds.
* Implemented Continuous Integration process using **Jenkins.**
* Administration of Jenkins server- Includes Setup of Jenkins, Configure **Nightly builds,** and **deployment automation**.
* Good experience in creating and configuring new **Build jobs, Plug-ins Management, distributed** **builds** using **Master/Slaves** and other administration tasks in **Jenkins**.
* Use **Jenkins** to create jobs for clients to **build and deploy** **QA** packages on demand.
* Extensively worked on **Jenkins** for continuous integration and for **End-to-End automation** for all **build and deployments**.
* Experience in using **Docker** environments, to deploy the micro services.
* Having experience in creating custom **Docker Images** using **Docker file**. Helped Development teams by automating the environment setup using tools like **Docker**.
* Good experience with configuration Management tools like **ANSIBLE.**
* Experience configuring and updating the servers using **configuration management** tools like **Ansible.**
* Also having hands on experience on creating **Playbooks.** Also, extensive knowledge on configuring the servers.
* Strong knowledge of **Software Development Life Cycle, SCM** practices along with **Software Build and Agile methodologies.**
* Experienced in **installation, configuration, and Deployment** of Java applications on Web and Application servers using **Apache Tomcat** and on various platforms like Linux,Ubuntu, and Windows.
* Good working experience **on Linux** Operating Systems.
* **Open** to learn **new technologies and tools.**

**Professional Experience: -**

* Worked as a Devops Engineer for Wipro Technologies Pvt. Ltd, Bangalore (Deployed from Green Technosoft Pvt. Ltd).

**Project: -**

 Project Name : VallyMoni.

 Client : Boyne valley group, Ireland.

 Role : DevOps Engineer

**Project Description:**

**VallyMoni** is an **ERP** based application used to maintain organization infrastructure. This application is used to keep track of internal business activities and their status over different branches of Boyne valley group.

**Roles & Responsibilities:**

* Creating Branches, serving pull requests, interacting with Dev teams on GIT.
* Merging branches periodically and according to requests from Dev teams.
* Diligently working with Dev team to resolve build and deploy issues.
* Responsible for taking the source code and compiling using MAVEN and package its distributed format, such as a JAR/WAR.
* Setting up JENKINS jobs for automatic deployment to QA, SIT Environments
* Experience in creating nodes/agents/slaves and labels.
* Explore and use Jenkins plug-in to improve the user experience jobs.
* Managing day to day Build & Release Activities.
* Providing solutions to developers build failure related issues.
* Integrated Maven-Jenkins-Nexus for taking backups.
* Setup Git repository using GitHub.
* Automated backup process using Maven resources in pom.xml.
* Created Docker containers for testing environments using Docker images.
* Responsible for creating/managing the Ansible playbooks.
* Participated in installation of Apache/Tomcat servers.
* Active participation in Build and release process.

**Environments**: GIT, GITHUB, Maven, SonarQube, Jenkins, Nexus, Tomcat, Ansible, Docker.

**Personal Qualities:**

* Self-motivated with a keen understanding of the latest technologies and inherent passion of learning.
* Strong motivational and leadership skills.
* Ability to produce the best result in pressure situation.
* Ability to work as individual as well as in group.

**Education Details:**

 Master of computer applications (MCA) from Gokaraju Rangaraju Institute of Technology (GRIET), JNTU, Hyderabad.

**Personal Details:**

* **Father’s Name :-** Subramanyam K
* **Date of Birth :-** 02nd June 1991
* **Languages Known :-** English, Hindi and Telugu

**DECLARATION:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Bangalore Karthik Shyam.