**Devops and Build release engineer with 6 years**

**Nikhil Keshav**

**Cellphone: 9148043792**

**emailID:** [nikhilkeshav987@gmail.com](mailto:nikhilkeshav987@gmail.com)

*DevOps and Build Release Engineer looking for a position that will help for professional growth leading to greater profit and success for the Company. And to practice my technical skills and help me to develop my abilities to interact with people and to work myself out to the desired levels of self-satisfaction and the satisfaction of the employer company to gain experiences of all sorts.*

# Software Skills:

Operating System : **Linux, UNIX, Windows**

Build Deployment Tools : **Jenkins, Buildforge**

Build Environment Tools : **Maven, Make file, ANT**

Defect Tracking Tools : **JIRA, Bugzilla**

Version Control Tools : **GIT, GITHUB**

Scripting Languages : **Bash and Shell Scripting**

Cloud : **AWS**

Server configuration Tool **: Ansible**

Container  **: Docker**

**Container orchestration : Kubernetes**

Other tools **: Artifactory (Jfrog),Nagios, SonarQube**

# Professional Experience

Company: Altimetrik, Bangalore

Duration: May 2013 to till date

**Project: 1.** For mobile, the evolution from LTE to LTE-Advanced and 5G will increasingly demand higher capacity and lower latency capabilities from operators’ networks. Based on the GSMA 5G report, user terminal speeds are expected to exceed 1 Gbps. End-to-end latency of less than 10 ms will be required to enable delay-sensitive and interactive applications

**Technologies: Linux, Shell Scripting, Git,GITHub, Maven, Ant,Makefile, Jenkins, Ansbile, Bugzilla, AWS, Docker, Kubernetes, SoanrQube, Artifactory, Java.**

**Roles and Responsibilities:**

* Responsible for releases, doing builds and managing build system
* Worked on AWS. Created EC2 instance and installed ansible, Jenkins on those server
* Managing servers using ansible and planning to use ansible for deployments
* Created AWS EC2 instances and migrated all existing setup to AWS cloud
* Worked on creating S3 bucket and also attached volume to running instance
* Worked on IAM service and creating VPCs
* Worked on **docker and docker compose**
* Worked on **kubernetes** to manage containers
* Responsible for creating branches, merging and resolving merging conflicts.
* Debug build failures and worked with developers and QA personnel to resolve related issues.
* Writing shell scripts to automate manual and repetitive tasks. Responsible for modifying and tuning existing scripts.
* Managing build infrastructures environment setups and monitoring daily operations in Jenkins and enhancing/troubleshoot issues/problems.
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specify major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple-branches environment.
* Worked on branching and merging. Creating branches for different teams. Merging branches periodically and according to requests from dev teams.
* Giving knowledge to developers about version control and build/release concepts
* Worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications
* Participated in the release cycle of the product which involves environments like Development QA, UAT.
* Used GIT for branching, tagging, and merging
* Taking Care of Patch and Load build Requests from Development Team
* Helping developer’s issues that are related to version control.
* Generate report and send an email to managers about status of daily builds and weekly builds.
* Good understanding of software development life cycles.
* Used docker to create build images and deployed
* Sending daily, weekly extracts to customers and Taking weekly back-ups.
* Maintained builds backup in Amazon S3 web services.
* Managed file storage, and transfer and create file archives for reuse by other projects.

**Roles and Responsibilities:**

**Project:** Network of servers around the world and rents capacity on these servers to customers who want their websites to work faster by distributing content from locations close to the user. When a user navigates to the [URL](https://en.wikipedia.org/wiki/URL) of customer, their browser is redirected to one of customer’s copies of the website

* Managing and monitoring build jobs from Jenkins.
* Setting up Jenkins build configurations for builds
* Involved in setting up the Jenkins builds
* Resolving Compilation with help of dev team, Environment and Linking Errors in the Builds.
* Identifying and driving automation of tasks associated with continuous integration and release process
* Revamping for existing build configuration to easily manageable and user friendly for automation.
* Managing GIT, Bugzilla Server administration for this project.
* Perform upgrades, new installations, enhancements and configuration changes
* Participated in the release cycle of the product which involves environments like Development QA, UAT.
* Provided support to deploy Cloud servers in engineering and IT organizations.
* Managed and executed zero-downtime production phrases
* Responsible for releases, doing builds and managing build system
* Responsible for creating branches, merging and resolving merging conflicts.
* Debug build failures and worked with developers and QA personnel to resolve related issues.
* Writing shell scripts to automate manual and repetitive tasks. Responsible for modifying and tuning existing scripts.
* Enough understanding to debug or specify major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple-branches environment.

# Education

* **B.E in Computer Science and Engineering from Auden Technology and Management Academy, Bangalore**
* **12th from Shree Sharadamba Independent P. U. College, Tumkur**
* **10th from Poonam English School, Sira**

**Date of Birth : 02/12/1989**

**PAN No. : CTXPK1465M**