

## KIRAN KUMAR

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### Professional Summary:

Having 4+ years of experience with DevOps and cloud management as a DevOps Engineer,Role proficient in **Git, Maven, Jenkins, Chef, Ansible, Docker, Kubernetes,Sonar Qube,Jira,with AWS cloud.**

- Experience in DevOps practices and good understand of development, automation and operations to ensure quick delivery of projects to the clients.
- Strong experience in version control tools like **Git and GitHub**.
- Good hands-on experience in creating Tagging, branching and Merging with **GIT**.Performed **GIT repository migration**.
- Proficient writing automation scripts using build tools such as **Maven**.
- Experience in Building **Continuous Integration (CI) & Continuous Deployment/Delivery (CD)-pipeline**.
- Experience in using configuration Management tools like **Chef**.
- Experience in writing cookbooks to automate infrastructure creation, configuration and operation changes with help of modules in **cookbooks**.
- Familiar with deployment using **automation**.
- Configuring the **Docker** containers and **creating Docker file** for different environments.
- Having good knowledge on **Ansible**.
- Good knowledge on **monitoring, alerting or logging** tools such as **EFK**.
- Having Good experience on code quality tool **Sonar Qube**.
- Attaching Volumes and Backing up by taking **snapshots**.
- Excellent skills for **troubleshooting** and fixing day to day CI/CD related issues.
- Worked on Amazon Web Services (**EC-2, ELB, VPC, Cloud Front, IAM, RDS, Route 53, Cloud Watch, ECS and SNS**).

**Skill Set:**

SCM Tool	GIT
Artifactory Repository	Nexus
Build Tool	Maven
Continuous Integration tool	Jenkins
Web-Application server	Apache Tomcat
Configuration Management tool	Chef, Ansible
Continuous Monitoring Tool	Efk
Container Tool	Docker, Kubernetes
Cloud servers	Amazon web services

**Work Experience:**

Working as a **DevOps Engineer** at Capgemini, pune from june 2018 to till date.

**Education:**

**B.Tech** (Mech) from All India Institute of Technology[AIIT],Hyderabad, TS.

**Project#2:**

Project : Deutsche Bank

Environment : **Git, Maven, Jenkins, Nexus, SonarQube, Ansible,**

**Docker Roles & Responsibilities:**

Proactively seeks opportunities to implement improvements to internal development processes.

Build, manage, and continuously improved the build infrastructure for

software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment

Setting up the automation environment for Application team if necessary, and help them through the process of build and release automation.

Create and Maintain Subversion Branching, Merging and Tagging across each production releases and perform builds using Jenkins Continuous Integration using maven Build scripts.

Manage the Source code to have Latest version of code available from production releases.

Involved in migrating the code from CVS to Mercurial code repository in client environment.

Assist engineering management in making choices for source code management systems, and other development

Supporting engineering plans and schedules by providing CM/Release Engineering services to build, deploy, develop scripts, oversee branch and merge strategies, and build automated tools as necessary to offer services to engineering team

Performed DevOps for Linux and Windows platforms

Focused on automation and integration.

Monitored developed applications and fixed bugs.

Created a continuous delivery pipeline from the ground up built with git, puppet and Jenkins for Target's Finance Integration Team.

Deployed and configured Web applications and Tomcat applications.

Each Java application is automatically built, packaged and tested with githooks and then deployed to the various environments.

Maintained subversion repositories for DevOps environment automation code and configuration

Developed bash scripts to redact sensitive data from apache access and error logs using a sed expression, deploy war files to environments in parallel

Developed automation and deployment utilities using bash and python.

Wrote custom monitoring and integrated monitoring methods into deployment processes to develop self-healing solutions.

Scheduling snapshots of volumes for backup and find root cause analysis of failures and documenting bugs and fixes; scheduled downtimes and maintenance of cluster.

Provide direct server support during deployment and general production operations.

Worked with developers to ensure new environments both met their requirements and conformed to industry-standard best practices

## **Project#1:**

- Project : **SMART BOUGHT HUB**
- Environment: **Linux, Git, ANT, Jenkins, Nexus, SonarQube, Vmware, kubernetes**

## **Roles & Responsibilities:**

- Interacted with supporting teams to understand client deployment requests.
- Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
- Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment
- Proactively seeks opportunities to implement improvements to internal development processes.
- Implemented continuous integration using Jenkins.
- Created repositories as per the structure required by business needs.
- Attended sprint planning sessions and daily sprint stand-up meetings. Utilize Jira for issue reporting, status, and activity planning.
- Educate and mentor the engineering team on the organization's build systems and processes.
- Build Java code in different Jenkins servers as per the schedule.
- When required applied patches as per the release process.
- Reported to a DevOps Manager, who will coordinate with teams outside of the development group.
- Create and maintain scripts for automating common activities.
- Administration experience Apache tomcat and IBM Web sphere ND.
- Configured web sphere horizontal cluster and vertical cluster and deployed application on cluster.
- Responsible for new server build requests, resolving disk space cleaning and subversion access issues and database setup activities.
- Develop and enhance the automated configuration management system.
- Experience in windows and Linux server monitoring and troubleshooting the issues.
- Conducting or supporting the deployment of software releases into development and

test environments, troubleshooting release package, and deployment procedure or environmentconfiguration issues