# RAVI KUMAR

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# PROFILE SUMMARY

* Having 5+ years of experience in IT industry comprising of DevOps and Build& Release Management.

# AREAS OF EXPERTISE

* Overall 5.8 years of IT experience.relevent 4 .3years as a **DevOps/build and release engineer** in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other environment and deploying to servers.
* Experience in Administration/Maintenance of source control management systems, such as code,manage,collaborate**(Bitbucket), GIT** and SVN
* Knowledge on**Dockerhub,Docker Images**
* Hands on Experience in **AWS WEBSERVICE** .Services Like EC2,EBS,VPC,IAM,S3 & RDS
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Hands on Experience on Deployment and implementation of Ansible &**Chef** for infrastructure as code initiative
* Extensive experience using **MAVEN** and **ANT** as build tools for the building of deployable artifacts (jar, war & ear) from source code.
* Experience in Bug/Issue tracking tool like **Bugzilla**, **JIRA**.
* In-depth knowledge of computer applications and scripting like **Shell, JavaScript** and **XML**.
* Hands on experience with **Junit,** and **Shell scripting**.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile, Scrum, and Waterfall** methodologies.
* Experience in Continuous Integration and Continuous deployment using various CI Tools like **Jenkins.**
* Experience of working with the release and deployment in **Java/J2EE** Web applications environment.
* Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, Testing, implementing and Post-production analysis of the projects.
* Expert in deploying the code through web application servers like **Httpd/ Apache Tomcat**
* Solid understanding of networking concepts and conceptual understanding of protocols.
* Experienced in deploying Database Changes to  **MS SQL Server** and **MY SQL databases.**
* Knowledge of databases like **MySQL, MSSQL**
* Effectively configured **MySQL Replication** as part of HA solution.
* Experienced in branching, tagging and maintaining the version across the environments using SCM tools like GIT, Subversion (SVN)
* Experience in software methodologies like **Waterfall model, Agile Methodology,**
* Extensive work experience on **Apache Web server** and **Tomcat Application server**.
* Hands on experience on Virtual Hosting with **Apache httpd server** using **Multiple Tomcat Clustering**and**wildfly node level clustering.**
* Hands-on experience creating and managing the various development and build platforms, and deployment strategies.
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* • Involved in start to end process of hadoop cluster setup where in installation, configuration and monitoring the Hadoop Cluster.
* • Responsible for Cluster maintenance, commissioning and decommissioning Data nodes, Cluster Monitoring, Troubleshooting, Manage and review data backups, Manage & review Hadoop log files.
* • Monitoring systems and services, architecture design and implementation of hadoop deployment, configuration management, backup, and disaster recovery systems and procedures.
* • Configured various property files like core-site.xml, hdfs-site.xml, mapred-site.xml based upon the job requirement

# EMPLOYMENT DETAILS

* Working as a Devops Engineer in Manuh global technologies Visakhapatnam from Dec 2018 to Till date.
* Worked as a Build and Release Engineer in JAGAHUNT E-COMMERCE INNOVATION PvtLtd, Visakhapatnam from Aug 2015 to Dec 2018.
* Worked as a GIS Engineer in Avineon India Pvt Ltd, Hyderabad from Dec 2013 to July 2015.

**Key Result Areas:**

* Worked towards the achievement of the strategic and operational objectives of the group located across multiple locations in a 7x24x365 environment

# TECHNICAL PURVIEW (NETWORK DEVICES & APPLIANCES)

* Versioning Tools :BITBUCKET, GIT& SVN
* AWS : EC2, S3, EBS, Cloud Watch, Auto Scaling, RDS, ELB, AMI & VPC
* Cl Tools: Jenkins,Ansible, Chef
* Build Tools ANT, MAVEN
* Operating System:LINUX, UNIX, Ubuntu, Windows 98/XP/NT/2000/2003/2008.
* Bug Tracking & Testing Tools: JIRA,Bugzilla,Junit,Mantisbt
* Tools :MS Office Suite, Nexus, Confluence, Atlassian.
* SDLC :Agile, Scrum Waterfall Methodologies
* Languages: SQL, Java/J2EE.
* Scripts : Shell Script, ANT Script, Batch Script,
* Web/App servers :Apache Tomcat, JBOSS.&Wildfly 10
* RDBMS : SQL SERVER, MY SQL.
* Big Data operations :Cloudera Manager , hortonworks Ambari
* Big Data Services :Hdfs, Yarn, Hive, Hbase, Zookeeper ,Hue, Airflow ,Grafana

# EDUCATION

* **B.Tech From JNTU UNIVERSITY kakinada.(2012)**

# Project Details:

**Project # 1:**

Client: Clairvoyant soft India Private Limited : Hands on experience in installation, configuration, supporting and managing Hadoop Clusters using Apache, Cloudera (CDH3, CDH4),Hdfs,Hbase,spark ,hue ,hive , Yarn distributions. Hadoop Cluster capacity planning, performance tuning, cluster Monitoring, Troubleshooting.

**Project # 2:**

Client: AMC BUDDY: Annual Maintenance Contract Schedule resolves all your home repair issues Select our services of your choice.

**Project # 3:**

Client: JAGAHUNT E-COMMERCE INNOVATION PvtLtd,Visakhapatnam

# Responsibilities:

* Maintained and administered **GIT source code** tool.
* Created Branches, Labels and performed Merges in **GIT**.
* Designing and developing new back-end services, maintaining and expanding our **Amazon Web Services** infrastructure, and providing mentorship to others on my team.
* Implemented & maintained the branching and **build/release** strategies utilizing **GIT** and **STASH**.
* Developed processes, tools, automation for **Jenkins** based software for build system and delivering SW Builds.
* Managed build results in **Jenkins** and deployed using workflows.
* Delivered specific versions of various components of an application into target environments.
* Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
* Installed and administered **Docker**.Wrote **Docker** images for **Nexus** and various.
* Constructed/Architected a **Continuous Integration** CI Server and Implemented Build/Deploy automation Server utilizing CI Technologies like **Jenkins/Hudson**
* Designed and Build deployments on **Docker containers**.
* Developed and managed delivery pipeline and prioritized functioning period and quick server response time.
* Installed **Docker Registry** for local upload and download of docker images and even from docker hub.

• Managed and reviewed Hadoop Log files as a part of administration for troubleshooting purposes. Communicate and escalate issues appropriately.

• As a admin followed standard Back up policies to make sure the high availability of cluster.

* Designed andBuild deployments on **Docker containers**.
* Installed **Docker Registry** for local upload and download of docker images and even from docker hub.
* In-depth understanding of large complex software systems to isolate defects, reproduce defects, assess risk and understand varied customer deployments.
* Responsible for design and maintenance of the **SVN** Repositories, views, and the access control strategies.
* Experienced in Installing, Upgrading, Patching, Configuring and Administrating **Red Hat Linux**.
* Configured networking services such as DNS, SSH, DHCP and printer services in **Red Hat Linux servers**.
* Performed **RPM** and **YUM** package installations, patch and other server management.
* Responsible for managing the code in GIT Version Control System
* Automated the process of taking a backup of the necessary code changes, while debugging an issue, through a Script according to development team’s requirements.
* Responsible for Daily Backup, Scheduling of backup job, Nightly backup setup.
* Preparing build environments for web-based enterprise applications and competent in application troubleshooting.
* Automated the Build process through Shell Scripts and assisting the developers with the scripts know-how.
* Carried Deployments and builds on various environments.

**Environment:** Bit bucket, GIT, Shell scripts, MAVEN, Jenkins,Ansible,Docker,Nagios, Nexus , LINUX, UNIX, Windows XP, Java, J2EE.

**Declaration:**

This is to certify that all the information given above is true to the best of my knowledge.

( RAVI KUMAR)