

# RESUME

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## Contact Details

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Location:Hyderabad

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## DevOps Engineer, Build and Configuration Manager

### Professional Summary:

- **Overall 3 years** of experience in DevOps and Problem management experience and CM Tools.
- Extensive experience in dev, testing and production deployments using UNIX, Linux and Weblogic.
- Experience in using Shell Scripts.
- Good Experience in UNIX **Shell Script** environment.
- Experience in Jenkins tool.
- Excellent Communication, interpersonal, analytical skills and strong ability to perform in a team.
- Understanding, flexible, and adept at working in high paced environments, adapting quickly to different business organization's needs.
- Detailed technical knowledge and hands-on experience of DevOps, Automation, Build Engineering and Configuration Management.
- Extensive experience in the design and implementation of fully automated Continuous Integration, Continuous Delivery, Continuous Deployment pipelines and DevOps processes for agile projects across the Financial, Broadcast and Media Sectors.
- Over 3 years IT experience encompassing UNIX/Linux Admin

### Education

- SSC (X) Railway boys high school, north laguda, sec-bad in 2005 with 69.66
- Intermediate (M.P.C) Railway Jr.college – tarnaka- (AP State Board of Intermediate education) 2007 with 82.80
- B.Tech(Electronics and Communication Engineering.)Nalla Malla Reddy College of Engineering & Technology – JNTU Hyderabad in the year 2011 with 60.43
- M.Tech(Digital Electronics and Communication System)Mahaveer Institute of Science and Technology- JNTU- Hyderabad in 2014 with 71.50 %

### Key Skills and Experience

**Languages:** Shell scripting and Python

**Version Control Systems:** Subversion, Git

**Automation/Build Tools:** Jenkins and Nodes, Docker, Chef, Puppet, Nexus, Ansible, Ant, Maven

**App & Web Servers:** WebLogic, WebSphere, Tomcat, Apache, Nginx, Tomcat.

**Virtualisation:** VM Ware, Docker, Amazon AWS/EC2, and Vagrant.

**Platforms:** Linux and UNIX, Windows, CentOS , Ubuntu

**Network/Infrastructure:** TCP/IP, DNS, DHCP

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## **Career Profile**

### **Lince Soft Solutions Pvt. Ltd. Begumpet , Hyderabad**

May 2014 to date

#### **Role: DevOps Engineer**

Environment: Docker, Jenkins, VMWare, RHEL, Ansible & GitLab, Vagrant , Puppet , Chef, Subversion, Continuous Integration, Agile, Maven, Nexus, Ant, Java.

#### **Roles:**

- Creating fully automated CI build and deployment infrastructure and processes for multiple projects
- Using Docker , Jenkins, VMWare, RHEL, Artifactory, Ansible & GitLab
- Developing Docker images to support Development and Testing Teams and their pipelines; distributed Jenkins.
- Working closely with Architecture, Development, Test, Security and IT Services teams
- Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven, Python and Bash
- Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools
- System and User Administration – responsible for the maintenance of DHCP, DNS, LDAP, AD and NFS services on Windows and Red Hat Enterprise Linux in Development environments
- Environment provisioning solutions using Docker, Vagrant, Red Hat.
- Evaluating and advising on virtualization and containerization solutions
- Setting up and introducing Continuous Deployment processes and advising on best practice
- Developing custom reporting tools, setting up automated health monitoring and alerting for builds and environments
- Automating the installation, deployment and maintenance of Middleware Application Servers to RHEL Development and Test Environments on VMWare

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#### **Responsibilities**

- Build and deployments of java applications in pre-production and production environments.
  - Designed and implemented Software configuration management (SCM) and change management (CM) solution using SVN.
  - Used GIT, SVN in creating the packages, snapshots, branches and tags for developers in version control.
  - Administrated all aspects in GIT and troubleshoot with merge conflicts.
  - Virtualized the servers using the Docker for the test environments and dev-environment needs.
  - Diagnosed and resolved problems associated with DNS, DHCP, VPN, and Apache
  - Used Jenkins for Continuous Integration and deployment into Web sphere Application Servers.
  - Worked on weekly merges for different branches and resolving the conflicts as part of release activities.
  - Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Chef, and custom Ruby/Bash scripts.
  - Worked closely with software developers and Devops to debug software and system problems.
  - User, Group management for all the UNIX servers.
  - Experience installing Puppet agents and pushing Manifests/Modules to 500+ Puppet clients.
  - Implemented continuous deployment system with Jenkins.
  - Automated the cloud deployments using Ansible, AWS Cloud Formation Templates.
  - Used Maven as build tool on Java projects for the development of build artifacts on the source code.
  - Trouble shoot build and Deployment Issues, with little downtime.
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## **PROJECTS HANDLED**

### **PROJECT #1**

Title : Seven-Sea Order and Data System.  
Environment : Java, Oracle, Windows 2008 server, Tomcat, Jenkins  
Role : Build and Release Engineer

#### **Synopsis:**

Seven-seas Orders and Data System is a seven-seas pharma hosted, Client managed/personalized portal that maintain database about the clients who register and purchase the pharma products and to deliver the product in time. This application is developed based on Java. For this we support release management team of which executing Java applications build and deployments in Dev, QA, performance and production environments.

#### **Responsibilities:**

- Ant script to automate build process for the native Java environment, compiling the project source code and packaging using the build script.
- Creating Jar/War files using Ant Script.
- For new applications, work with development to get the requirements of application build and deployment process.
- Setup and configuration of Jenkins CI tool for automated build & deployment process.
- Creating Jenkins/Hudson jobs.
- Monitor and fix the continuous integration builds running in Jenkins.
- Monitor and track requests in Subversion.
- Creating branches & merging using Subversion.
- Installing and configuring Subversion (SVN) and Jenkins.
- Providing support to Subversion (SVN) related issues.
- Automate code deployments by using ANT and Jenkins.
- Troubleshoot the nightly build failures and alert the respective development teams for quick solutions.
- Performed deployments of war files to tomcat application server using shell script.
- Using shell scripting, checking the disk free space.
- Maintain Dev, QA, UAT & Production environments i.e. make sure they are always up and running.
- All reported bugs are triaged into three severity levels (S1- Critical, S2- Tolerable & S3- Delay-able)

### **PROJECT #2**

Title : Nova Nordisk Pharmaceuticals  
Environment : SVN, Shell Scripting, Jenkins  
Role : Build & Release Engineer

#### **Synopsis:**

From Nova Nordisk Pharmaceuticals deployed innovative project, to collect information on many of the sales and marketing from disparate data sources. Marketing intelligence analytics, business unit directors, business unit managers and other upper level management staff use this information to make efficient and strategic business decisions.

#### **ROLES AND RESPONSIBILITIES**

- Created the Branching Strategy for the parallel development.
  - Configuration Management using Subversion.
  - Maintaining the source code in SVN for various applications
  - Provide pre commit hooks and post commit hooks for Subversion
  - Build the source code using Jenkins
  - Configure and maintain codebase to support the build and deployment of code on servers.
  - Administered merge, build and deployment of the codes to all the environments.
  - Developing the utility scripts to effectively reduce the time and manual effort.
  - Responsible for setting up the environment for new developers on their machines.
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**PROJECT #3**

Project	:	KS_FB_ISA
Client	:	ATT
Domain	:	Telecom
Environment	:	weblogic, LINUX, UNIX
Role	:	Team member

**Synopsis:**

IMN- Devops team, which is responsible for collaboration and communication of both software developers and other information technology professionals while automating the process of software delivery and infrastructure changes. It aims at establishing a culture and environment where building, testing, and releasing software can happen rapidly, frequently, and more.

**Responsibilities:**

- Responsible for daily activities like Dev deployments and testing deployments.
- Responsible for Production deployments.
- Providing documentation to concern teams regarding production deployments.
- Server automation using WebLogic, Jenkins.
- Handling testing and deployment issues which are in the form of tickets.
- Ticket Management, Issue analysis and redirecting to concerned teams.
- Responsible for documenting the entire change request and storing them for the future reference.

I hereby solemnly declare that all the above furnished details are correct to the best of my knowledge.

**(CH PAVAN KUMAR)**

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