**Name: Mounika**

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**PROFESSIONAL SUMMARY:**

* Over **8+ years** of experience in **SCM, AWS, Build, Release, Environment Management, Continuous Integration(CI), Continuous Delivery(CD) and DevOps Methodologies**
* Experience in **Red** Hat **Linux and Oracle Enterprise Linux (OEL)**.
* Architected the end-to-end build, release and deployment process for the various clients using **Jenkins, Maven, Ant, Shell scripts and Amazon Web Services (AWS**).
* Expertise in **Amazon AWS Cloud Administration** which includes services: **EC2, S3, EBS, VPC, ELB, Route 53, Auto scaling, Security Groups, Redshift, and Cloud Formation**.
* Expertise in Application Deployments & Environment configuration using **Chef, Puppet**
* Worked on **Puppet** for the deployment of servers with custom scripts.
* Experience as a **Build** and **Release Engineering** in automating, building, deploying, and releasing of code from one environment to other environment.
* Experience in working on source controller tools like Subversion (**SVN**), **CVS**, **IBM Clear case**, **Perforce,** and **GIT.**
* Expertise on using Amazon AWS API tools like: **Linux Command line, Puppet integrated AWS API tools**
* Proficient with different **AWS services**, like **creation of EC2 Instances** and cost effective management of resources by **configuring auto scaling**, **back-up of volumes** attached to critical servers by taking **snapshot** on time-to time, monitoring of different services by using **cloud-watch, VPC, multi A-Z RDS.**
* Excellent understanding of **SDLC** Methodologies like **Agile, Waterfall, RUP, RAD** and other processes
* Experience in Migration & deployment of Applications with upgrade version of Application & Hardware, MS build, batch script, IIS and Jenkins Administrator.
* Creation of **Elastic Bean Stalk**, routing traffic to different service by configuring in **Route53** service.
* Extensive experience in developing and maintaining build, deployment scripts for test, Staging and Production environments using **ANT, Maven, Shell and Perl scripts.**
* Experienced in implementing **Puppet, Chef, Docker** and **DevOps, OpenStack.**
* Extensively worked on **Hudson** and **Jenkins** for continuous integration and for **End-to-End automation** for all build and deployments.
* Experienced in handling Release Management activities.
* Working experience on Automation Testing frameworks like **Selenium**.
* Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
* Ability to work closely with teams, in order to ensure high quality and timely delivery of builds and releases.
* **Passionate and motivated team player**, work independently and will jump in to debug, fix things and domultitasks.
* Implementing a **Continuous Delivery** framework using Jenkins, Maven in Linux environment.
* Good experience in automated deployment tool **Nolio.**
* Involved in Continuous Integration and Continuous Delivery.

**EDUCATION:**

Bachelor of Computer Science & Technology.

**CERTIFICATIONS:**

* AWS Certified SysOps Administrator – Associate Level Certificate.
* AWS certified Developer – Associate Level Certificate.

**TOOLS AND TECHNOLOGIES:**

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| **Operating Systems** | Red Hat Linux, Cent OS 6.7, Windows |
| **Infrastructure as Cloud Service** | AWS, OpenStack |
| **Virtualization Platforms** | Virtual Box, VMware |
| **Configuration management** | Chef, Puppet, Docker |
| **CI, Test & Build Systems** | Ant, Maven, Jenkins, Bamboo |
| **Application/Web Servers** | WebLogic, Tomcat, JBoss, Web Sphere |
| **Scripting Languages** | Bash, Perl, Ruby, Python |
| **Bug Tracking Tools** | Jira, Remedy |
| **Databases** | Oracle, SQL Server, DB2 |
| **Version Control** | Git, SVN, CVS |

**PROFESSIONAL EXPERIENCE:**

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|  **Client: Paypal Scottsdale, AZ** |  **Apr 2020 - Till Date** |
|  **Role: AWS/DevOps Engineer** |  |

**Description:** Our open digital payments platform gives PayPal’s 325 million active account holders the confidence to connect and transact in new and powerful ways, whether they are online, on a mobile device, in an app, or in person. Through a combination of technological innovation and strategic partnerships, PayPal creates better ways to manage and move money, and offers choice and flexibility when sending payments, paying or getting paid.

 **Responsibilities:**

* Implemented multi-tier application provisioning in **OpenStack cloud**, integrating it with **Chef/Puppet.**
* Responsible for designing and deploying best **SCM** processes and procedures.
* Designing and implementing fully automated server build management, monitoring and deployment by Using Technologies like **Chef.**
* Wrote ANT and MAVEN Scripts to automate the build process.
* Created Jenkins Workflows for pre deployment process (DB execution, Environment configuration changes etc) on both QA and preproduction Environments.
* Worked with GIT and Subversion to manage source code.
* Coordinated with all the teams before and after the production deployments for the smooth production releases.
* Integrated Maven with GIT to manage and deploy project related tags.
* Used **Puppetand Chef to configure and manage infrastructure**.
* Implemented **chef best-practices** and introduced Berkshelf and Test kitchen to facilitate the development workflow.
* Automated **cookbook testing** using Jenkins.
* Managed, maintained and deployed to test, acceptance and PROD environments.
* Performed tasks on **F5 load balancer** like ordering new certs, installing and renewing SSL certificates, bouncing servers with performance issues after taking them out of the server pools, ID maintenance, User, Group management for all the UNIX servers.
* Configured the **Load Balancers and VPC** with Public and private subnets.
* Performed Branching and Merging as per the schedule.
* Configured the **Route 53 DNS** and **load Balancers** for the VPC and the NACL with inbound and outbound Rules.
* Used **Perl/Shell to automate build and deployment Process**.
* Rapid-provisioning and configuration management for Red hat Linux and windows using chef on Amazon web services.
* Analyzed the **ANT Build projects** for conversion.
* Converting the ANT Build projects to Maven Build projects.
* Developing the **Maven build scripts** (pom.xml's).

**Environment:** AWS, Puppet, Chef, Gradle, Jenkins, Perl/Shell Scripting, Ruby, Linux, Windows, Nginx load balancer, JIRA.

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| **Client: PowerSchool Roswell, GA** |  **Dec 2018 - Mar 2020** |
| **Role: DevOps Engineer** |  |

**Description:** PowerSchool boasts over twenty years of innovation, starting as the first web-based student information system, through industry changing user interface and mobile apps, to our Student Information Systems and Unified Classroom platform.

**Responsibilities:**

* Created the **AWS VPC network** for the Installed Instances and configured the Security Groups and Elastic IP's accordingly.
* Installed and Configured the **Apache Tomcat application** servers for Dev and Integration Test Environments.
* Installed and configured **Nexus Repository Manager** to share the artifacts between the teams within the company.
* Automated the process of deployment to Apache Tomcat Application Servers by developing Python Scripts.
* Worked in **Agile Project management Process**.
* Involved in periodic archiving and storage of the source code for disaster recovery.
* Developed, maintained, and distributed release notes for each scheduled release.
* Worked with JIRA for Issue Tracking and monitoring.
* Worked with the Architects on **SDLC process** being the owner of post development environments.
* **Performing Risk Analysis, preparing Mitigation Strategies & Contingency Plans**.
* Coordinating Release effort amongst various teams (Development, QA, Testing, and Business Analysis) in geographically separated environment.
* Worked with **Subversion**, Proposed and implemented branching strategy suitable for **agile/scrum development** in a Fast Paced Engineering Environment.
* **Integrated Subversion** for automating builds with **Jenkins**.
* Installation and administration of **TCP/IP, NFS, DNS, NTP, Auto mounts, Send mail and print servers** as per the client's requirement.
* Installed, managed **Verities Volume Manager 3.5** (**VxVM**) on **Solaris 9**.
* Experience with **EMC storage devices** **ClariionFC4700**/**CXx** and **Symmetrix** **DMX**).
* Experienced in container-based deployments on Docker, Docker registries and Kubernetes.
* Experience in designing Kubernetes cluster using AWS-Kops (EKS) and configuring and deploy the Kubernetes dashboard to access the cluster via its web-based user interface.
* Configured Azure Active Directory and managed users and groups
* Contributed to the support forums (specific to Azure Networking, Azure Virtual Machines, Azure Active Directory, Azure Storage) for Confidential Developers Network.
* Experienced with **HP storage Works SAN Switches** 2/16v (Brocade silkworm).
* **Network trouble-shooting** using **'ndd'**, **'traceroute'**, **'netstat'**, **'ifconfig'** and **'snoop'** etc.
* Installation of **Web sphere**, upgraded to service pack updates, installed IBM patches, configuring and creation new admin & managed servers, start & stop Web sphere server.
* Written **shell scripts and Perl scripting** to take backup oracle database.
* Integrating UNIX file systems using packages like **SAMBA**. Setting up printers on **UNIX** / **NT** machines to work seamlessly across platforms.
* **Installation and configuration of Oracle 8/9i database** on Sun Solaris Servers.
* Integration of Linux/Solaris with Active Directory (**LDAP**).

**Environment:** SQL Server 2008R2/2005 Enterprise, SSRS, SSIS, Crystal Reports, Windows Enterprise Server 2000, DTS, SQL Profiler, and Query Analyzer, Kubernetes

**Client: Btree Solutions, Herndon Oct 2017 - Nov 2018**

**Role: Build and Release Engineer**

**Description:** We help customers achieve BTree Solutions benefit from their technology spend. We help customers design, build, and manage intelligent, flexible, and secure information technology environments. By bringing systems, software, services, and solutions together, we can work with you to put a comprehensive IT solution to work for your business.

 **Responsibilities:**

* Developed and maintained the continuous integration and deployment systems using **Jenkins, Maven, Nexus, Ansible** and **Rundeck.**
* Developed and implemented up the monitoring infrastructure for systems, applications using **HP Sitescope**.
* Administered the IBM Rational Suite in the Linux environment.
* Deploying Rational Tools on IBM and/or client hosted environments
* Customizing tools such as Rational **ClearQuest** and Rational Team Concert to meet the specific needs of the client.
* Designed and implemented fully **automated server build**, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including **Jenkins Nexus**, **SVN**, **Blade logic** and **WebSphere**.
* Installed, configured, administered and supported **WebSphere Application Server 6.0/6.1/7.0** on **LINUX** environment.
* Developing automated process for builds and deployments using **Jenkins**, **Ant**, **Maven**, **Sonatype Nexus**, **Shell**, **Python** and **Java.**
* Monitoring **WAS** performancethrough **Tivoli Performance Viewer** and tuning the system - **caching, queuing, JVM parameters, DB Connection Pooling**.
* Configured **SSO** (**Single Sign on**) by installing CA Site Minder web agent.
* Performed software maintenance by installing Application Server and Web Server fix packs to keep the system software up to date.
* Configuring of **JDBC providers, Data Source, Virtual Hosting, Global Security, SSL,** and **LDAP.**
* Configuring **WebSphere** Application Server on multiple platforms for both **horizontal and vertical scaling** for **WLM**.
* Achieved Work Load Management by creating **Clusters** and **Cluster Members** in **WAS 5.x/6.0/6.1.**
* Troubleshoot issues with existing and developed systems and work with the appropriate service levels to resolve them.
* Use of Peregrine service center tool for change management.
* Write up documentation for Application **Health checks**
* Reproduce Customer problems and log bug reports in Engineering’s Defect Tracking System using Quality center.
* Automated the installation, deployment and maintenance of Middleware Application Servers to RHEL Development and Test Environments.
* Replaced existing manual deployment and management processes with **Ansible/Chef** in 5 different environments and roughly 500n servers.

**Environment:** WAS 6.0/6.1/7.0, IBM HTTP Server 6.0/6.1/7.0, IIS 6.0/7.0/7.5, Java Script, JACL/JYTHON, Servlets, Tivoli Performance Viewer, IBM Directory server, AIX 5.x/6.x, Solaris, LINUX, Windows 2003/2008, CA SiteMinder.

**Client: Selene Finance - Houston, TX Apr 2016 - Sep 2017**

**Role: Devops Engineer**

**Description:** Selene Finance (www.selenefinance.com) was founded in 2007 and is a trusted name in the specialty servicing business. Selene is owned indirectly by investment funds managed by two respected names in the investment management industry Oaktree Capital Management, L.P. and Ranieri Partners Management.

**Responsibilities:**

* Developed Perl and shell scripts for automation of the build and release process.
* Involved in editing the existing **ANT**/**MAVEN** files in case of errors or changes in the project requirements.
* Managed Maven project dependencies by creating parent-child relationships between Projects.
* Jenkins is used as a continuous integration tool for automation of daily process.
* Managed Disk and File system through Logical Volume Manager.
* Configured yum repository server for installing packages from a centralized server.
* Updated Servers with latest Patches using Local repo.
* Created Physical Volumes, Volume groups and Logical Volumes, implemented disk mirroring on **LVM**.
* Involved in day to day maintenance and troubleshooting problems related to **Linux**.
* Installation and configuration of **RHCS** (**Red** **Hat** **Cluster** **Suites**) for high availability.
* Experience in authoring pom.xml files, perform releases with Maven release plugin, and manage artifacts in **Sona** type **NEXUS** repository.
* **Deployed Java/J2EE applications** to Application servers in an **agile continuous integration environment** and also automated the whole process.
* Deployed J2EE applications to Application servers in an agile continuous integration environment and also automated the whole process. Build scripts using **ANT** and **MAVEN** build tools in **Jenkins**, **Sonar** to move from one environment to other environments.
* Wrote Python routines to log into the website and fetching data for selected options for the developing team.
* Analyzed functional requirements and documented the user specifications and business rules.

**Environment:** IBM WebSphere Application server 6.0/6.1/7.0, Apache 5.5, IBM Http server 6.0/6.1/7.0,AWS, RHEL 5.6, DB2, Oracle, Windows, LDAP, HTML, Java Script, XML, JSP, Servlets, Chef.

**Client: Bodhtree Consulting Limited - Hyderabad, India May 2014 - Mar 2016**

**Role: Build and Release Engineer**

**Description:** **Bodhtree** is a global IT services provider headquartered in California with offices across North America, Singapore and India. Founded in 1998, we have 800 employees across the globe and most of our employees work out of our Development Center in Hyderabad. The company enables enterprises to transform their business using Cloud **CRM** and Analytics.

**Responsibilities:**

* Developed and maintained the continuous integration and deployment systems using **Jenkins, Maven, Nexus, Ansible** and **Rundeck.**
* Configuration of chutney **caching tool** for **WebSphere 5.1** on **HP**-**UX**
* Configured CA **SiteMinder** to perform authorization for **WAS**.
* Created deployment using existing application, revision deployment group and custom deployment configuration in **Amazon Web Services (AWS)** Code Deploy.
* Installed packages using **YUM** and **Red** **hat** **Package** **Manager** (**RPM**) on various servers.
* Responsible for independent support of Tier 2 issues: reboots, **start/stop services, reset Terminal Service** and pc anywhere connections, and administrative server maintenance. Daily follow up with clients to ensure resolution of all issues.
* Work with Development group to resolve issues and log products problems to be addressed for customer specific issues.
* Provide customers regular updates on open issues.
* Reproduce reported product issues to determine symptoms, root cause and solution or workaround.
* Analyzing Activity log files and diagnosing Application Server problems.
* Enable application tracing on the application server level in order to troubleshoot a problem.
* Schedule maintenance request in Test, QA and Production environments in line with change management procedures and guideline.
* Used AWS Cloud Formation templates to launch an Amazon EC2 instance running Amazon Linux and windows server.
* Provide support to Account Managers, UNIX and Windows technicians, and other departments.
* Coordinated with various cross functional teams across IT operations to make sure smooth functioning of projects.
* Responsible for design and maintenance of the **Subversion/CVS** Repositories, views, and the access control strategies and Managed **SVN** repositories for branching, merging, and tagging.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.

**Environment:** GIT, Jenkins, Nexus, Perl/Shell Scripting, Linux, Windows, Risk Analysis, Preparing mitigation strategies and contingent plans, Weblogic.

**Client: GSS Infotech, Hyd, India Sep 2012 - Apr 2014**

**Role: Build and Release Engineer**

 **Description:** GSS Infotech (formerly "GSS America"), established in 1999, is a information technology company headquartered in [Hyderabad, India](https://en.wikipedia.org/wiki/Hyderabad%2C_India). The company specializes in cloud, [remote infrastructure management](https://en.wikipedia.org/wiki/Remote_infrastructure_management) services, [virtualization](https://en.wikipedia.org/wiki/Virtualization) solutions, [application management](https://en.wikipedia.org/wiki/Application_management) services, and [infrastructure optimization](https://en.wikipedia.org/w/index.php?title=Infrastructure_optimization&action=edit&redlink=1) solutions.

**Responsibilities:**

* Installation Red hat Linux 8, 9.0 on Dell, **Proliant, and Enterprise Server 4.0**.
* Installation and administration of **TCP/IP, NFS, DNS, NTP, Auto mounts, Send mail and print servers** as per the client's requirement.
* Installed, managed **Verities Volume Manager 3.5** (**VxVM**) on **Solaris 9**.
* Experience with **EMC storage devices** **ClariionFC4700**/**CXx** and **Symmetrix** **DMX**).
* Experienced with **HP storage Works SAN Switches** **2/16v** (**Brocade** **silkworm**).
* **Network trouble-shooting** using **'ndd'**, **'traceroute'**, **'netstat'**, **'ifconfig'** and **'snoop'** etc.
* Installation of **Web sphere**, upgraded to service pack updates, installed IBM patches, configuring and creation new admin & managed servers, start & stop Web sphere server.
* Created **Role Based Access Control** (RBAC) for users.
* Linux kernel memory upgrades and swaps area. Redhat Linux Kickstart Installation Sun Solaris Jump start Installation. **Configuring DNS, IDNS, DHCP, NIS, NFS** in Sun Solaris 8/9.
* Installation and configuration of Veritas Storage Foundation Suite, Volume Manager, Cluster Servers & Veritas File systems (Vxfs).
* Participating in "Release Readiness Review" status meeting (**Go/No-go Process**).
* Gained good knowledge on Linux Administration.
* **Performing Risk Analysis, preparing Mitigation Strategies & Contingency Plans**.
* Coordinating Release effort amongst various teams (Development, QA, Testing, and Business Analysis) in geographically separated environment.
* Worked with **Subversion**, Proposed and implemented branching strategy suitable for **agile/scrum development** in a Fast Paced Engineering Environment.

 **Environment:** IBM WebSphere Application Server 5.x,Web Sphere Portal Server V5.x, Java,Java2EE, WSAD 5.0, IBM HTTP Server, IIS 5.X, Netscape, iPlanet, Actuate, Wily Introscope, LDAP Server, DB2 UDB, Oracle, Windows NT, AIX.