

NAME
MOBILE NUMBER
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Professional Summary

- Over 7+ years of IT experience **Build and Release/DevOps Engineering** in automating, building, deploying, and releasing of code from one environment to another environment.
- Experienced in working on **Devops/Agile** operations process and tools area (Code review, unit test automation, Build & Release automation, Environment, Service, **Incident** and **Change Management**).
- Experience in working on source controller tools like Subversion (SVN), CVS, **IBM Clear case, Perforce, and GIT**.
- Extensively worked on Hudson, Jenkins, Team City for continuous integration and for End to End automation for all build and deployments.
- Having good Experience in DevOps tools like **Chef** and **Puppet** for deployment.
- Exposed to all aspects of software development lifecycle (SDLC) such as Analysis, Planning, and Developing, Testing, and Implementing Post-production analysis of the projects.
- Developed **Python** scripts for software build conduct and management support.
- Expertise in Querying RDBMS such as Oracle, MYSQL and SQL Server by using SQL for data integrity.
- Experience working on several **Docker** components like **Docker** Engine, Hub, Machine, creating **Docker** images, Compose, **Docker** Registry and handling multiple images primarily for middleware installations and domain configurations.
- Experience in Implementing Continuous Delivery pipeline with **Docker, Maven, Ant, Jenkins, Lara** and **AWS**.
- Proficient with cloud services like **Openstack** and Amazon Web Services.
- Experience in running web scale services on **Amazon Web Services**.
- Experience in using **AWS** including EC2, Auto-Scaling in launching EC2 instances, Elastic Load Balancer, Elastic Beanstalk, S3, Glacier, Cloud Front, RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS.
- Fulfilling the role of a Release Engineer in respects to our **Puppet code**.
- Ability in development and execution of **XML, Shell Scripts and Perl Scripts**.
- Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
- Having good Experience in **Chef and Puppet** for Deployment on Multiple platforms.
- Experience in using Bug tracking tools like **JIRA, Remedy, HP Quality Center and IBM Clear Quest**.
- Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as **Amazon Web Services (AWS)**.
- Proficient in tracing complex build problems, release issues and environment issues in a multi-component environment.
- Expertise in trouble shooting the problems generated while building, deploying and also in production support.
- Strong knowledge on source controller concepts like Branches, Merges and Tags.

- Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and teamwork environments.
- Proficient in tracing complex build problems, release issues and environment issues in a multi-component environment.
- Worked with Engineers, QA and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building (Agile Projects)
- Participated in the design discussions and lead from the configuration management team to help build the Automated Release Life Cycle (ARLM) tool.
- Migrating the projects from ANT to Maven and upgrading the build tools.
- Deploying the applications in JBOSS and Web Sphere.

Technical Skills:

Operating Systems	MS Windows XP/2000/NT/98/7/8, UNIX, Linux, MS DOS
Database	Oracle 11g/10g and 9i, SQL 2005 and Enterprise
Languages	Java, J2ee, Selenium
Scripting Languages	PERL, Ruby, Python, Shell, Groovy, PHP
Web/App Servers	Web logic, Web Sphere, Apache Tomcat, JBOSS
Bug Tracking Tools	Jira, Remedy
DevOps / Cloud Computing	AWS, OpenStack, Puppet, Chef, Ansible, Build Forge, Docker
Build & CI Tools	ANT, Maven, Hudson/Jenkins, Lara, Cruise Control, Artifactory, Bamboo, Nexus
SCM Tools	CVS, SVN, ClearCase, GitHub, Perforce

Professional Experience:

Client: Amkor Technology, Tempe, AZ

Aug 2015 to till date

Role: DevOps/AWS Engineer

Responsibilities:

- Involved in Architect, build and maintain Highly Available secure multi-zone **AWS** cloud infrastructure utilizing **Chef** with **AWS CloudFormation** and **Jenkins** for continuous integration.
- Design & implemented **VPC** service for extension of customer's on-premises datacenter with **AWS** Cloud using **AWS VPC** and **VPN** & Direct connect services.
- Implemented and maintained **Chef** Configuration management spanning several environments in **VMware** and the **AWS** cloud.
- Launching Amazon **EC2** Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
- Hands on with **Puppet** Manifest files to deploy automated tasks to many servers at once.
- Performing Manifests to update the **Puppet** agent using **Puppet Master**.
- Experience in Creating secured cloud infra using (**VPC**) for Staging and Development environment on **AWS**.

- Manage Elasticsearch clusters and **PostgreSQL** replication.
- Managing Linux, **VMware** and **AWS/VM's**.
- Experienced in using advanced **PostgreSQL/MYSQL** features like table partitioning and different types of oracle indexing. Back up and Restore experience with **PostgreSQL/MYSQL** database backups and point in time recovery.
- Install/configure/maintain the **Linux /Solaris** servers, NIS, DNS, NFS, Mailing List, Sendmail, apache, FTP, SSHD.
- Extensively worked on **Hudson, Jenkins, Lara** and **Bamboo** for continuous integration and for End to End automation for all build and deployments.
- Scripting experience in **Python, PHP**, and/or **Bash, PowerShell, Groovy** for automation purpose.
- Written **Chef** Cookbook, recipes to automate installation of Middleware Infrastructure like **Apache Tomcat, JDK** and configuration tasks for new environments etc.
- Experience working on several **Docker** components like **Docker** Engine, Hub, Machine, Compose and **Docker** Registry.
- Experience working on **Docker** hub, creating **Docker** images and handling multiple images primarily for middleware installations and domain configurations.
- Worked on **Docker** container snapshots, attaching to a running container, removing images, managing Directory structures and managing containers.
- Installed **Jenkins** on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
- Manual Installation and configuration of **Weblogin, Tomcat** and **Apache** servers.
- Hands on experience in installing and administrating **CI** tools like **Jenkins, Lara, GIT, Perforce** and **Nexus**.

Environments: Linux, Jenkins, Hudson, Lara, Bamboo, Docker, GIT, Weblogin Server, Tomcat Server, Apache Server, Python, PHP, Shell, PostgreSQL, Chef, Puppet, AWS, VPC, VM's, AWS CloudFormation, EC2.

Client: Shell Oil, Houston, TX
DevOps engineer

Jun 2014 to Jul 2015

Responsibilities:

- Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
- 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**.
- Installed, configured & administered Jenkins CI tool on Linux machines; setup Master-slave architecture to improve performance and used **Jenkins, Lara** for CI & CD into Tomcat Application Server.
- Provisioned and configured Tomcat and Apache instances using **Shell/Perl/Groovy** in Udeploy.

- Installation and configuration of **PostgreSQL** database on **RHEL**.
- Experience in supporting database systems including **Oracle**, **MYSQL**, **PostgreSQL** on **Linux** and Solaris Environment.
- Designed, Installed and Implemented **Ansible** configuration management system.
- Used **Ansible** to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
- One click Automation script to trigger push to production from Jira, invoke Build in **Bamboo** and deploy to target servers.
- Configuration **Ansible** and **Puppet** modules for **Openstack** deployment.
- Implemented multi-tier application provisioning in **Openstack** cloud, integrating it with Puppet.
- Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services**.
- Experience working with continuous delivery and build clouds with **Openstack** and **AWS**.
- Worked with **Ansible** playbooks for virtual and physical instance provisioning, configuration management, patching and software deployment on **Openstack** environments through automated tools, **Ansible** / custom pipeline.
- Worked closely with software developers and DevOps to debug software and system problems.
- Created scripts in **Python** which integrated with Amazon API to control instance operations.
- Deployed Puppet, Puppet dashboard for configuration management to existing infrastructure.
- Used Puppet to automate Configuration management.
- Used Puppet to manage Web Applications, Configuration Files, Data Base, Commands, User's Mount points, Packages.
- Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
- Used **Subversion** as source code repositories and Managed SVN repositories for branching, merging, and tagging.
- Analyze and resolve conflicts related to merging of source code for **GIT**.
- Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
- Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.
- Deployed Java/J2EE applications to Application servers in an **Agile continuous integration** environment and also automated the whole process.
- Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
- Verified if the methods used to create and recreate software builds are consistent and repeatable.
- Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.

Environment: Java/J2EE, ANT, Maven, Subversion, Puppet, Chef, Ansible, Saltstack, Linux, AWS, Openstack, PostgreSQL, Shell, Perl Scripts, Python, Groovy, GIT, Ruby, Jenkins, Bamboo, Tomcat, Jira.

Education: Bachelor Of Technology from Jawaharlal Nehru Technological University, India.