**Bharath.**

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**Contact (720)-444-8487**

**Senior DevOpsEngineer**

**Summary:**

* Solutions focused System Software Engineer with 8+ years of experience in DevOps, Build, Release, Software Configuration Management, deployment and Tool Engineering in agile environments.
* Two years of experience with DevOps methodologies and cloud infrastructure automation tools like Puppet.
* Designing, building infrastructure on AWS environment.
* Hands on experience in AWS provisioning and good knowledge of AWS services like EC2, S3, RDS.
* Expert in Cloud Technologies like Amazon Web Services (AWS) VPC, EC2, Cloud formation, S3, IAM, RDS, Route 53, Cloud Watch, Dynamo DBand Elastic cache.
* Followed an extremely light and efficient Agile process, adapted to be most easily applied in order to deliver an end to end continuous integration/continuous delivery product in an open source environment using tools like Chef & Jenkins.
* Maintenance of Development, QA, and Production Servers.
* Demonstrated leadership and worked independently with the development and QA teams to build/test all components of a software product, to keep up with changes in the product releases.
* Support the implementation/improvement of software development practices, release management methodologies and software deployment strategies.
* Experience in
  + Branching/ Merging/Conflict resolution using source control tools such as Git, SVN.
  + Build control tools such as ANT, MAVEN.
  + Continuous integration and deployment tools such as Jenkins,Chef, Puppet.
* Solid programming experience of standalone, web applications and automation scripts.
* In depth and solid understanding of IP networking technologies.
* Expert knowledge in architecting and developing packages and installation software for multiplatform environment.
* Experience setting up and maintaining auto-scaling AWS stacks (preferred using cloud formation and scripting using bash & python).
* Strong use of Shell scripting languages including BASH for Linux and Mac platforms and Power Shell for Windows systems.
* Analyzing the CR's (Change Request) and pulling reports from Remedy.
* Experience in deploying applications on WebSphere and WebLogic servers.

**TECHINICAL SKILLS:-**

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| --- | --- |
| **Data Base** | Oracle 10.x, MySQL 5.0.2, SQL Server 2005, |
| **Cloud Technologies** | AWS (VPC, EC2, S3, CloudWatch, RDS, Elasti Cache, IAM), Microsoft Azure. |
| **Middleware File Systems &Virtualization** | WebLogic, WebSphere and Tomcat,UFS,VMware, VSphere. |
| **Operating Systems** | Linux (Red Hat 4/5/6, SUSE), Solaris 11/10/9, HP-UX 11.0, 11.11, 11.23,11.31, Ubuntu, Fedora, CentOS, Windows NT, /2000/2003/2007. |
| **Networking** | TCP/IP, NIS, NFS, DNS, DHCP, Cisco Routers/Switches, WAN, SMTP, LAN, FTP/TFTP. |
| **Scripting languages** | Bash, Python, ShellScripting& Salt Stack, Jenkins. |
| **CI Tools** | Jenkins, Codeship, Buildbot, Bamboo |
| **Web Technologies** | Tomcat, APACHE 2.x, 3.x, F5 Load Balancers, Web Logic (8/9/10) & Web Sphere 4.0/5.0 |
| **Protocols** | TCP/IP, SSH, UDP, RIP, OSPF, EIGRP, IGRP, SNMP,SMTP, TELNET. |
| **Web Server** | Tomcat, Weblogic,Jboss |
| **Bug Reporting tools** | Bugzilla, Bug tracker, Jira, Bugify, OIA |

**Experience:**

**Kaiser Permanente – Portland, Oregon**

**Senior DevOps Engineer**

**March 2014 to Till date**

**Responsibilities:**

* Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Used Jenkins, Bamboo to implement Continuous Integration and deployment into Tomcat /Weblogic Application Server.
* Created Chef Recipes for automating the Infrastructure, deployment process.
* Managed Nodes, Runlists, roles, environments, databags, cookbooks, recipes in Chef.
* Led the eCommerce platform project:

Inmoving all of Kaiser’s newly made portals and lease forms to the Amazon cloud on the LAMP stack via agile approach .Used Chef as a Configuration Management tool.Was the technical coordinator and DevOps engineer and acted as the sole point of contact with vendor and ensured that the releases went smooth and hassle free.

* Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management
* Launching and configuring of Amazon EC2(AWS) Cloud Servers using AMI's (Linux/Ubuntu) andconfiguring the servers for specified applications using Jenkins.
* Build application and database servers using AWS EC2 and create AMIs as well as use RDS for Oracle DB.
* Branching/Streams and labeling :

Created, maintained the streams for different code repositories and promotions.

* Enforced SCM policies in the organisation like “must have commit messgaes in the check-ins“ by coding, tetsing integrating and maintaining trigger scripts with GIT/SVN version control system.
* Created gold images of OS servers from scratch via Vagrant and maintained it.
* Collaboration with developers for integration of modules :

Worked with the development teams across the globe to build the components of a software product,integrate the required modules and backout changes/features with informed decisions by looping in the dev managers to keep up with the changes and quality in the product versions.

**Rearden Commerce, Foster City, CA**

**DevOps Build /Release Engineer**

**Nov 2011 - March 2014**

**Responsibilities:**

* Designed and implemented on Amazon Web Services cloud.
* Setup AWS VPC’s for dev, staging and Prod environments.
* Automated server/database backups using (snapshots/AMI images).
* Vulnerability Assessment & Penetration Testing on the infrastructure on AWS for security.
* Setup Jenkins Build server and maintenance.
* Apache-tomcat Web Server Configuration and Management.
* Version Control Using Perforce, branching and merging repositories.
* Managing Build Process using Jenkins Server.
* Implemented a Continuous Integration process using shell scripts.
* Manage Releases, including coordinating with the Dev team and QA team.

Environment: Tomcat, Apache, Oracle, Jenkins, Python, Ruby Chef, JIRA, Maven, Artifactory, Git, Ubuntu, CentOS, AWS, Chef, Windows.

**Accenture, Pune**

**SCM/Build & Release Engineer**

**Feb 2008 - Nov 2011**

**Responsibilities:**

* Troubleshoot build errors/issues and fix them:

Troubleshoot and resolve build issues (J2EE/Android builds); Create and maintain build scripts and processes for full and incremental daily debug/release builds as well as production level software releases.

* Amelioarated the Android build process

Actively participated in the improvement of the software configuration and change management processes to guarantee build accuracy, version control of software artifacts, and re-creation/migration of build environments (from BuildBot to Buildbrain and from perforce to git).

* Maintain Git source code repository and local mirrors; perform branching, tagging, merging and maintenance tasks for windows host and Mac builds.
* Performed Daily/Weekly/fortnightly customer releases through git pushes to shared, private and public servers.
* Automated daily manual tasks/tests by running cron jobs. These jobs were actually BASH (shell), TCL,Perl, Python Scripts that report on a user specified frequency about various issues.
* Manage Version Control Systems tools like Git, GitHub to implement revision control systems to track, document and control changes to the repository source code.
* Build time reduction of Android builds

Was a key member of the build team that worked on reducing build times. Various strategies used included introduction of cache, reduce compilation time by analyzing syntactic dependencies in fine-grain program units, and by removing redundancies.