**Devops Engineer Resume**

Redmond, WA

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**SUMMARY:**

* **4 + years of experience in Information Technology industry in various roles with excellent experience in Software configuration, Build & Release management.**
* 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.
* DevOps experience in **Linux** and **Windows**.
* Experience in Build, Package and Deploy to all the environments.
* Good Understanding of Software Development Life Cycle.
* Having the Good hands on experience in **Chef** and **Ansible**.
* Used Ansible for provisioning the infrastructure and write the playbooks.
* Configures **Jenkins** as a continuous integration tool for regular source code build.
* Good hands on experience in creating Jenkins jobs, plugin installations, setting up distributed builds using master/slave.
* Strong experience in version control tools like **Git, Git Bucket** and **GitHub**.
* Achieved DevOps setup for project from Git repository through Jenkins and build through the **Maven**.
* Creating the **Docker** containers and spin the containers depends on requirement.
* Worked with Docker images/container for redirection of ports and volumes
* Good understanding of monitoring tool **Nagios**.
* Experience in **VSTS (Azure Devops),** **TFS**, Gated Check - ins, Build Definitions, Release Management and **Power Shell**.
* Installation and configuration of **Apache, Tomcat** on Linux.
* Experience in Cloud Technologies, such as AWS
* Setup and Maintain cloud based infrastructure on AWS
* Having the good experience in **AWS** like launching the EC2 instances, S3, EBS Volumes, Relational Database Services (RDS), Elastic Load balancing, IAM, SG’s etc.
* Install and configure virtual cloud instances, support cloud servers including security configurations, patching and Troubleshooting.
* Experience in implementation of the Aws operations dealing with IAAS infrastructure (VMs, Virtual Networking, website deployments) and deploying applications as PAAS(Websites, web roles and worker roles).
* Setup/Managing **VPC, subnets** make connection between different zones.
* Setup/Managing Databases on Amazon **RDS** managing servers through Amazon **Cloud watch, SNS**.
* Creating and Managing **AMIs/Snapshots** and volumes upgrade/Downgrade AWS resources CPU, Memory, EBS.
* Server’s, Domain’s and Databases migration on Amazon Web Services.
* Configuring topics for email and SMS in AWS simple notification services.
* Excelled on creating AMI (AWS Machine Images) that utilizes **ELB** (Elastic Load Balancer) and Auto Scaling.
* Used the AWS-CLI to suspend an AWS Lambda function, used AWS CLI to automate backups of ephemeral data-stores to **S3 buckets, EBS**.
* Working experience on Windows **Active Directory** and LDAP
* Having good professional experience in supporting **IIS** 6.0/7.5 and 8.0 Installation, configuration, Maintenance, Monitoring and Administration.
* Hands on experience with DHCP Scopes, DNS Zones and Records configuration
* Basic knowledge on **MySQL**.
* Hands on experience with POWERSHELL for automation.
* Having the knowledge in writing the Shell scripting.
* Around 7 years of experience as Redhat Administrator, Build and release/Devops Engineer with an excellent reputation as a successful team player.
* Planning and implementation of data and storage management solutions in Azure (**SQL Azure, Azure files, Queue storage, Blob storage**). Implementing scripts with PowerShell for Runbooks.
* Experienced in various **SDLC** project phases: Requirement/System gathering, Requirement/System Analysis, Functional Specification, Business Logic's, Design, Layered Architecture, Test plans, Coding, Code review, Testing, Performance tuning, Documentation, Implementation and Maintenance.
* Experience in **VSTS**,TFS,Gated Check - ins, Build Definitions, Release Management,**PowerShell**, **Power BI**.
* Experienced in programming with the **.NET Framework 3.5/4.0 using C#, Visual Basic 6, ADO.NET, ASP.NET, PostgresSQL,MySQL, XML.**
* Experience in **Power BI**, **Power BI Pro**, **Power BI Mobile**.
* Expert in Creating and developing **Power BI** Dashboard.
* Experience in deploying applications in **webserver**, application server and database server.
* Experience in developing **Dashboard** Report, Parameterized Reports, Linked reports, Sub reports by Region, Year, Quarter, Month and Week.
* Experienced in all phases of Software Development Life Cycle (Analysis, Design, Development, Testing and maintenance) using **Waterfall** and **Agilemethodologies** .
* Experience in developing and maintaining build, deployment scripts for test, staging and production environment using **ANT**, **Maven** and **Shell** scripts.
* Working experience on Windows **Active** Directory and **LDAP** .
* Installation and configuration of **Apache**, **Tomcat** /Web logic on Linux.
* Monitor Disk Space and space as needed in **LVM** .
* Working experience of networking devices such as **F5** load balancers.
* Experience in installation of Operating Systems, Packages and Patches,maintaining user accounts,Performance tuning,troubleshooting at various levels.
* Understanding of test automation tools and strategies (such as **JUnit**, **Selenium**, etc.)
* Working knowledge of source code and configuration management solutions ( **SVN**, **Git**, etc.)
* Working knowledge and administrator experience of **ContinuousIntegration** strategies and tools (such as **Jenkins**, **TeamCity**, etc.)
* **Excellent team player with problem-solving** and trouble-shooting capabilities.
* Good communication, interpersonal and presentation skills. Excellent work ethics, self-motivated and quick learner, willing to learn, adapts new technologies and third party products.

**TECHNICAL SKILLS:**

**Source Code Repository:**GIT, Subversion

**.NET Technologies:**C#, ASP.NET

**Databases:**MS SQL Server 2012, MySQL, Postgre

**SQLBuild Tools and IDE’s:**Maven,NuGet, Confidential Visual Studio, Eclipse

**Operating system:**Windows 10, Linux 6,7

**Scripting:**Powershell ISE, Shell/Perl

**SDLC:**Agile, Scrum, Waterfall

**Continuous Integration and Continuous Deployment:**TFS/VSTS, Jenkins, Udeploy

**Confidential Technologies:**Azure Service Fabric, Azure Kustos, Power BI

**Containers:**Docker, Kubernetes, Azure Service Fabric

**PROFESSIONAL EXPERIENCE**

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**Azure Devops Engineer**

**Roles & Responsibilities:**

* Automated Continuous Integration builds, nightly builds, deployments and unit tests across multiple different environments (**DEV**, QA, Training, Production) each constituting different types of servers (DB, App, Web) and different number of servers of each type (for load balancing and such) using **VSTS**Build, **Power Shell**, and **MS Build**, MS Deploy.
* As a member of Release Engineering group, redefined processes and implemented tools for software builds, **patch** creation, **source** control, and **release** tracking and **reporting**.
* Worked closely with QA Teams, Business Teams, and DBA team and Product Operations teams to identify **QA** and **UAT** cycles release schedule to non-prod and prod environments.
* Identified and logged defects in **VSTS** and interacted with developers to priorities the issues.
* Ownership for Azure SQL server DB deployment & managed the continues integration & continues deployment.
* Created **Build** definition and **Release** definition for Continuous **Integration** and Continuous **Deployment**.
* Worked on CI/CD for **PostgreSQL** and **MySQL** Applications.
* Created dashboards in **VSTS** for **CI/CD**pipelines, Work items and bugs.
* Resolved **Merge** Conflicts,configured triggers and queued new builds within the release pipeline.
* Monitored and tracked deployments.
* Wrote **Powershell** scripting for task automation and to schedule tasks.
* Developed **Power BI** model used for financial reporting of P & L and Headcount.
* Used various sources to pull data into Power BI such as **SQL** Server, SAP BW, Oracle, SQL Azure etc.
* Database creation (DDL, DML, DCL), database tuning, **SQL** tuning, performance planning.
* Extensively used Joins and Sub-Queries to simplify complex queries involving multiple tables.
* Developed tabular queries for efficient analysis of report using Pivot/Un pivot in **T-SQL**.
* Create and publish **NuGet** packages and maintain the **NuGet** infrastructure that several teams use at build time.
* Created manual **TestCases** to check that each of the deliverables meet users requirement.
* Managed new deployments and handled upgrades of clusters in **Service Fabric** to make sure the application is reliable.
* Worked on **MS Excel** to generate daily Reports.

**ENVIRONMENT:** VSTS,GIT,MSBUILD,NuGET,AZURE KUSTO EXPLORER,AZURE SERVICE FABRIC,POWERSHELL.

**Confidential, Herndon,VA**

**Build and Release Engineer**

**Roles and Responsibilities:**

* Installed and upgraded packages and patches on **RHEL6** and **7** servers using **RPM**,**YUM** and third party software applications. worked on daily work orders which included configuration of file systems LVM and multipathing.
* Installation of database servers and user's management such as MySQL and SQL server.
* Implementation and maintenance of **DHCP**,**DNS**,Sendmail, **FTP** and Apache **SMTP**.
* Implemented **Bash**, **Powershell** scripting to automate day to day job tasks.
* Updating patches to keep servers updated against bugs present in the operating system using Red Hatsatellite server, **yum** etc.
* Installed packages using YUM and Red Hat Package Manager(RPM) on various servers.
* Experience with supporting and maintaining **F5** BIG IP load balancers.
* Developed build using **ANT** and **MAVEN** as build tools and used CI tools to kick off the builds move one environment to other environments.
* Used the version control system **GIT** to access the repositories and used in coordinating with CI tools.
* Experienced in authoring **pom.xml** files, performing releases with the Maven release plugin, Mavenization of Java projects and managing **Maven** repositories.
* Integrated maven with **GIT** to manage and deploy project relates tags.
* Installed and configured **GIT** and communicating with the reposistories in **GITHUB**.
* Coordinate all build and release activities, ensure release processes is well documented, source control repositories including **branching** and **tagging**.
* Used **Docker** containers to quickly deploy **linux** based applications.
* Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
* Worked in all areas of **Jenkins** setting up CI for new branches, build automation, plugin management and securing Jenkins and setting up master/slave configurations.
* Integrating various Version control tools, build tools, **nexus** and deployment methodologies (scripting) into Jenkins to create an end to end orchestration build cycles.
* Troubleshoot build issues in **Jenkins**, performance and generating metrics on master's performance along with jobs usage.
* Design, develop build and packaging tools for continuous integration build and reporting. Automate the build and release cycles.
* Maintain product release process, including generating and delivering release packages, generate various metrics for tracking issues against releases and the means of tracking compatibility among products.
* Deployed the **EAR** and **WAR** archives into **Web logic** and **Apache Servers**.
* Configured and Maintained **Apache** web servers for Release Management Team's internal use.
* Maintained and managed cloud & test environments and automation for **QA**, Product Management and Product Support.

**Environment:** s:REDHATLINUX6 and 7, F5 LoadBalancing, GIT,GITHUB,MAVEN,ANT, JENKINS,NEXUS,DOCKER,WEB LOGIC,APACHE TOMCAT.

**Confidential**

**SOFTWARE ENGINEER**

**Roles and Responsibilities:**

* Worked in all areas of **Jenkins** setting up **CI** for new branches, build automation, plugin management andsecuring Jenkins and setting up master/slave configurations.
* Provided **CM** and **Build** support for more than 5 different applications, built and deployed to the production and lower environment.
* Defined and Implemented **CM** and Release Management Processes, Policies and Procedures.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/namingconventions using **GIT** source control.
* Analyze and resolve conflicts related to **merging** of source code for **GIT**.
* Implement, maintain and support reliable, timely and reproducible builds for project teams.
* Maintained build related scripts developed in **ANT**, **Python** and **shell**. Modified **build** configuration filesincluding **Antbuild**.xml.
* Worked with development team to migrate **Ant** scripts to **Maven**.
* Experienced in authoring **pom.xml** files, performing releases with the Maven release plugin, Mavenizationof **Java** projects and managing **Maven** repositories.
* Researched and implemented code coverage and unit test plug-ins with **Maven**/**Jenkins**.
* Used **Maven** dependency management system to deploy snapshot and release artifacts to **Nexus** to shareartifacts across projects.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and**Maven** to schedule the builds.
* Worked with development/testing, deployment, systems/infrastructure and project teams to ensurecontinuous operation of build and test systems.
* Deployed the **EAR** and **WAR** archives into Web logic and Apache Servers.
* Configured and Maintained **Apachewebservers** for Release Management Team internal use.

**ENVIRONMENT:** Jenkins, Maven, ANT, Rhel Linux 5,6, Apache Tomcat,Weblogic, GIT,Subversion.