

Azure Devops Engineer Resume

Redmond, WA

SUMMARY:

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, PostgreSQL, 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 **Agile methodologies**. 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 **Continuous Integration** 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

SQL Build 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

Confidential, Redmond,WA

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.

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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 ensure continuous operation of build and test systems.
Deployed the **EAR** and **WAR** archives into Web logic and Apache Servers.
Configured and Maintained **Apache web servers** for Release Management Team internal use.

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