**Certifications:**

AWS Certified Solution Architect Associate:

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**Summary of Experience:**

* 10+Years of effective work experience on DevOps tools ,Build Engineering & Release Management process, end-to-end code configuration, & deployments of artifacts for entire life cycle model in Enterprise Applications.
* Good Knowledge on Software Development Life Cycles and Agile Programming Methodologies.
* Strong experience on **Microsoft Team Foundation Server – Azure DevOps server**. Install, upgrade Azure services on windows and MSSQL upgrades.
* Strong experience in Maintaining the **Azure DevOps** services and Application infrastructure.
* Hand Full experience in Integration with Jenkins, Bitbucket pipelines in Azure Devops.
* Good knowledge of Ansible scripts for automation in DevOps tools.
* Experienced using **Amazon Web Service** platform in monitoring Tools.
* Knowledge in VPC design , S3 buckets , EC2 and **Elastic Load Balancer, configure Auto scaling, setting up Cloud Watch alarms**
* Highly skilled in deployment, data security and troubleshooting of the applications using AWS services.
* Created infrastructure in a coded manner (infrastructure as code) using **Puppet, Chef and Ansible for**configuration management of virtual environments.
* Hands on experience with Atlassian with Nexus Artifacts management and Nexus IQ installation
* Strong experience in installing the DevOps tools on Linux servers.
* Skilled enough to build deployment, Build scripts and automated solutions (using scripting languages such as Shell.)
* Extensively worked with Scheduling, deploying, managing container replicas onto a node using Kubernetes and experienced in creating Kubernetes clusters work with Helm charts running on the same cluster resources.
* Proficient knowledge with Helm charts to manage and release of helm package.
* Hands on experience in CI/CD Jenkins pipelines.
* Strong experience in installing **Checkmarx** on Windows server.
* Good experience with Atlassian tools like Jira and confluence infrastructure setup and also managing Jira dashboards.
* Skilled enough to build deployment, Build scripts and automated solutions (using scripting languages such as Python, Shell, Bash,Perl, Ruby.)
* Experienced on build tools like Maven, Ant.
* Good knowledge on version control systems SVN, GIT, TFVC.
* Experience and familiar with virtualization technologies like installing, configuring , administrating VMware, Vsphere ESXi and SRM 4.5 , Citrix XEN server.
* Expertise in My SQL, MSSQL, database concepts.
* Good knowledge in Managing Active Directory groups.
* Managed environments DEV, QA, UAT and PROD for various releases and designed instance.
* Expertise in installing, configuring and managing Web Logic, Apache, VMWare tcServer in clustered environments for High Availability, Load balancing and fail over
* Experience in Configuration Management, Cloud Infrastructure, and Automation like Amazon Web Services (AWS), Ant, Maven, Jenkins, Chef, SVN, Github, Clear Case, Tomcat, and Linux.
* Expertise in handling IM tools like Mattermost.
* Well used and experience in deploying the code through web application servers like Web Sphere, Web Logic, Apache Tomcat.
* Good Knowledge of using different protocols like FTP, SFTP, SSH, HTTP, HTTPS and Connect direct.
* Well experienced in project analysis, gathering user requirements, technical design and customer training.
* Strong ability in learning new technologies that support for real time work tasks.
* Active and strong team player in solving problems.
* Conduct training and knowledge transfer sessions on Jenkins, Kubernetes in team.
* Excellent communication and interpersonal skills, and leadership quality with ability to work efficiently in both independent and team work environments.
* Initiation skills in identifying/ resolving operational problems and providing innovative solutions.
* Participated in On-call production support.

**Skillsets:**

|  |  |
| --- | --- |
| Languages and scripts | C, C++, and JAVA, Python, Ansible |
| Build Tools | Maven,Ant |
| Atlassian Tools | JIRA, Confluence,Bitbucket |
| Software Tools | Jenkins, Docker, Kubernetes, Chef,Puppet |
| Web servers | Tomcat, WebLogic and WebSphere |
| Release/Project Management | Microsoft Release management Server |
| Windows Tools | SharePoint, Checkmarx |
| Monitoring Tools | Monit, Dynatrace, Hygiea |
| Cloud platforms | Amazon Webservices, Azure DevOPS |
| Communication tools | Mattermost |
| Version Control | SVN, GIT, TFVC |
| Code quality | SonarQube |
| Database | Oracle, My SQL ,MSSQL |
| Operating System | Windows, Linux, UNIX. |

**EDUCATION DETALS**

**Bachelor’s In Information Technology from Jawaharlal Nehru Technological University, Hyderabad in 2012.**

**Master’s in Information system’s from University of Mary-Hardin Baylor, Texas, 2015**

**Work Experience**

**Leidos- SSA, Baltimore, Maryland**

**Azure/DevOps Engineer August 2018 – September2020**

**Responsibilities:**

* Working with the DevOps team, in delivering new agile environments & build / release / configuration and deployment automation.
* Administrate and maintain DevOps tools like Bitbucket, Confluence and Jira , Jenkins, Nexus on Linux servers.
* Experience in using Ansible scripts for automation of all DevOps tools.
* Hands on Experience with Subversion, GIT, GITHUB repositories. Create the projects and Manage code for developers in the Bitbucket repositories.
* Responsible for installing and administrating the SonarQube for code quality check and Nexus repository and generating reports for different projects. Also, integrated them into Jenkins.
* Helped to understand the process of SonarQube through Presentations and other business value measurement.
* Strong skills on Linux and Windows environments with Configuration Management, Build, Release Management and Quality Assurance
* Excellent understanding of SDLC Methodologies like Agile, Waterfall methods.
* Experience in performing Administrative tasks for Windows and Unix/Linux servers.
* Experience in upgrading Atlassian products like Confluence, JIRA Administration experience with customizing JIRA projects with various schemas, complex workflows, screen schemes, permission schemes, and notification schemes etc.
* AWS server provisioning using **Chef Cookbooks** and **Recipes**.
* Created Custom workflows, custom screens and custom fields on Jira and installed various Jira Plug-ins . Enabled Help center for Jira Service Desk and created projects within Service Desk
* Administrate and worked on confluence- Assigned user personal space and provided assistance in using Confluence.
* Hands on experience on installing and monitoring Jenkins with Ansible scripts , Creating Jobs, Plugins upgrade, Resolve Build issues.
* Manage Artifacts in Nexus repository and publish them for Jenkins pipeline. Evaluate Jenkins configurations for Build failures.
* Install and Administrate Jenkins on Linux server, configure Jenkins Projects with Subversion, GIT, .net, Java , NPM/Node.js and python
* Strong experience utilizing Jenkins for enterprise scale infrastructure configuration and application deployments – checking out code from SVN/GIT and use ant/maven to build war/ear artifacts.
* Configure Jenkins pipelines and troubleshoot build issues- Provide on –call deployments support.
* Worked on AWS (**Amazon Web Services** )AIM, which included managing application in the cloud and creating EC2 instances.
* Using Jenkins AWS Code Deploy plugin to deploy to AWS.
* Responsible for code build, release and configuration on Amazon EC2.
* Worked at optimizing volumes and EC2 instances and created multiple VPC instances.
* Configured security and system in Jenkins. Added multiple nodes to Jenkins and configured SSH for continuous deployments.
* Configured SSH, SMTP, Build Tools, and Source Control repositories in Jenkins.
* Knowledge gained in Development of automation of Kubernetes cluster using Ansible scripts.
* Designed and distributed private cloud system solution using Kubernetes (Docker) on CoreOS and used it to deploy scale, load balance and manage Docker containers with multiple name spaced versions
* Expertise in Azure infrastructure management (Azure Web Roles, Worker Roles, SQL Azure, Azure Storage, Azure AD Licenses, Office365) Worked on Cloud automation using AWS Cloud Formation templates.
* Developed IM tool Mattermost for team conversation rooms and have experience in managing streamline communication channels across team
* Created **Containers in Docker**
* Hands on experience in Installing, configuring and managing a multi-tier **TFS/ADOS (Azure DevOps)** and providing technical support to Collection and Team Project Administrators
* Working with GIT and TFVC in Team Foundation Server and install extensions according to user requests.
* Provided User issues support requests on the production servers. Well knowledge and experience of migrating TFS versions, build servers and SQL database migrations.
* Handful experience in Source control migrations to Git and TFVC on Azure Devops Server.
* Created builds and release pipelines in VSTS and done deployments using SPN (secure endpoint connection) for implementing CI/CD
* Setting up build definition within **Visual Studio Team Services (VSTS)** and configure **continuous delivery** to automate the deployment of **ASP.NET MVC** applications to **Azure web apps**
* Used tools like Visual Studio Community Edition, Visual Studio Code, Power Shell ISE and SQL Server Management Studio.
* Implemented automation for deployments by using YAML scripts for massive builds and releases
* Very strong troubleshooting skills in Azure pipeline Build and release targets.
* Worked with users in access level permissions, creating collections, projects and reporting code churns.
* Implementation of data and storage management solutions in Azure (**SQL Azure, Azure files, Queue storage, Blob storage**). Implementing scripts with PowerShell for Runbooks.
* Integrate Jenkins pipeline and Bitbucket repositories for build in Azure DevOps.
* Experienced in upgrading and supporting Checkmarx on windows server,
* Provided secured mutual authentication between multiple vendor products using SSL.
* Installed, configured, administered Apache, Jboss, Web Sphere Application Server ND and Web Sphere MQ on Linux for multiple high-profile projects.
* Working with Urban code Deployment components.
* On-call Production Support (24x7) on weekly rotation within the team.

**CSRA-SSA ,Baltimore,Maryland**

**Azure/DevOps Engineer May-2016- August 2018**

**Responsibilities:**

* Monitoring using Jenkins, Ant, Maven, Artifactory, Chef, Custom scripting.
* Gained immense experience in troubleshooting and Infrastructure setup – used Atlassain Confluence wiki as a knowledge base to document everything.
* Hands on experience in Jenkins setup on server, version upgrades and handle administrative tasks in creating Jenkins Jobs , build configurations.
* Created Users on **Active Directory**, synched the users on Jira and assigned groups and spaces.
* Quick Installation and configured Jira built dashboards for Release views.
* Configurations and applications using python scripts, used Chef for Jboss environments.
* Experienced with Sonarqube, confluence , JIRA and Nexus administration.
* Developed and Managed Kubernetes charts using Helm, and Created reproducible builds of the Kubernetes applications, managed Kubernetes deployment and service files and managed releases of Helm packages.
* Resolved various infrastructure and Application issues raised in Jenkins, Bitbucket , confluence and JIRA.
* Installed and maintained Monit and Dynatrace tools for DEvOPS tools performance track
* Resolved various Infrastructure and Application issues raised in JIRA tickets by DEV/QA teams.
* Implementing a Continuous Delivery framework using Jenkins, Chef, Maven & Nexus in Linux environment.
* Managed **Chef**Cookbooks to automate system operations.
* Enabled Help center for Jira Service Desk and created projects within Service desk.
* Integrate JIRA and Confluence (for User management and Issues/Pages sharing)
* Enhance JIRA application to customize as required.
* Worked with integration endpoints like F5 Load balance, Apache, Tomcat, Ldap, Data power ESB for web services integration.
* Hands on experience in installing Hygeia dashboard and monitor Devops tools performanance.
* Hands on experience on TFS (**Team Foundation Server**)server’s configuration and installation.
* Worked with GIT and TFVC in Team Foundation Server.
* Provided User issues support requests on the production servers.
* Well knowledge and experience of migrating TFS versions.
* Experienced in upgrading seasonal upgrades of Version One.
* Performed AWS Cloud administration managing EC2 instances, S3, SES and SNS services.
* Created Buckets in AWS and stored files. Enabled Versioning and security for files stored.
* Configuring the web-server interfaces (plugin file and mod\_jk, mod\_cluster), session management, virtual hosts, data sources, HTTP transports for Application Server instances and applications.
* Integrated Ldap in Siteminder Console and creating trusted hosts for Webservers.
* Performed Application-data backup & recovery, local backup/restoration of the Web Sphere.
* Provided secured mutual authentication between multiple vendor products using SSL.
* On-call Production Support (24x7) on weekly rotation within the team.

**Macy’s., Atlanta, GAApril 2015–May 2016**

**DevOps Consultant**

**Responsibilities:**

* Worked with the Devops team, in delivering new agile environments &build/release/configuration and deployment automation.
* Monitoring using Jenkins, Ant, Maven, Artifactory, Chef, Custom scripting.
* Gained immense experience in troubleshooting and Infrastructure setup – used Atlassain Confluence wiki as a knowledge base to document everything.
* Strong experience utilizing Jenkins for enterprise scale infrastructure configuration and application deployments – checking out code from svn/git and use ant/maven to build war/ear artifacts.
* Automated JBOSS configuration and deployment using various Perl /shell scripts.
* Configurations and applications using python scripts, used Chef for Jboss environments.
* Create **Chef Automation tools** and builds, and do an overall process improvement to any manual processes.
* Worked with **Puppet** and**Chef** which is used to manage Linux but later versions support Microsoft Windows.
* Experience with Docker Couchbase containers a plus .
* Quick Installation and configured Jira, built dashboards for Release views.
* Resolved various Infrastructure and Application issues raised in JIRA tickets by DEV/QA teams.
* Worked with integration endpoints like F5 Load balance, Apache, Tomcat, Ldap, Data power ESB for web services integration.
* Dockerizing of existing applications (Django, Go), Docker images development and size and speed optimization.
* Provided secured mutual authentication between multiple vendor products using SSL.
* Installed, configured, administered Apache, Jboss, Web Sphere Application Server ND and Web Sphere MQ on Linux for multiple high profile projects.
* Performed training and knowledge share sessions in the team.

**NBC Universal, Los Angeles, CA June 2014 – March 2015  
Build Release Engineer / DevOps Engineer**

**Responsibilities:**

* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Installed, Configured and Administered Hudson/Jenkins Continuous Integration Tool.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Developed automation framework for Application Deployments to the cloud environments.
* Worked on Managing the Private Cloud Environment using Chef.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups, Optimized volumes and EC2 instances.
* Performed Branching, Tagging, Release Activities on Version Control Tools: SVN, GIT.
* Developed Perl and shell scripts for automation of the build and release process, developed Custom Scripts to monitor repositories, Server storage.
* Automated the cloud deployments using chef, python (boto& fabric) and AWS Cloud Formation Templates.
* Used Maven as build tool on Java projects for the development of build artifacts on the source code.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Chef, and custom Ruby/Bash scripts.
* Deployed the Java applications into web application servers like JBoss.
* Performed and deployed Builds for various Environments like QA, Integration, UAT and Productions Environments
* Worked on configuring the Jenkins to use MetaCase Software to build Java code and also to do the whole C.I process on the java code generated by MetaCase.
* Troubleshoot and resolved Build failures due to infrastructure issues reduced by 95% stabilizing the build process. Setup and executed process to code review system effectively.
* Responsible for defining branching & merging strategy, check-in policies, improving code quality, automated Gated Check-ins, defining backup and archival plans.
* Troubleshoot Build and Deployment Issues, with little downtime.
* Organized and Coordinated Product Releases, work closely with product development, QA, Support across global locations to ensure successful releases.
* Documented release metrics, software configuration process. Used Maven scripts to build the source code. Supported and helped to create Dynamic Views and Snapshot views for end users.

**Rearden Commerce, Foster City, CA Oct 2012 – May 2014**

**DevOps Build /Release Engineer**

**Responsibilities:**

* Designedand 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.

**Intergraph, Hyderabad, India / Foster City, CA April 2010 – Sep 2012**

**Build Release Master**

**Responsibilities:**

* Involved in design and maintenance of the **Subversion** Repositories, branching and the access control strategies.
* Implemented & maintained the branching and build/release strategies utilizing **Subversion**.
* Authored Ant script which performs the end-to-end build of multiple modules for the application.
* Worked on Shell**/Batch/Perl** scripts for automation purpose.
* CI builds are done using **Hudson**.
* **Application Monitoring** Setup by scanning the logs at various levels and notifying appropriate teams by email alerts.
* Used **Remedy** to track the Change requests and Release requests for all the approvals and signoffs and other necessary attributes.
* Maintained the essential documentation for a Release / Project Supported and developed tools for **integration, automated testing** and **release management.**
* Releasing code to testing regions or staging areas according to the schedule published.
* Scheduling the changes for applications and deployment into production.
* Scheduling servers for patching and reboot activities as per latest status of the server.
* Extensive involvement in managing and addressing the concerns of the LOB and ensuring smooth functioning of the process.
* Developed and managed delivery pipeline and prioritized functioning period and quick server response time.