**Ahmad**

Sr. DevOps/Cloud Specialist

**Experience Summary:**

* An accomplished IT Professional with 19+ years of Experience in IT industry as a Senior DevOps Cloud Specialist in Configuration Management, Automation, Migration, Development, Build, Deploy, Release Management and Quality Assurance, across IT Domains like Banking, Telecommunications, Energies & Utilities, Infrastructure, and Data Centre support roles.
* Solid experience in Microsoft “Azure”, Oracle, GitHub, Jenkins, Nagios, Splunk, JIRA, OpenStack, Red Hat Linux5/6/7 and Ubuntu.
* Good Experience in designing, implementing, and automating end-to-end Continuous Build, Integration, Delivery, Release and Deployment processes and pipelines.
* Experience in Software Development Life Cycle (SDLC) and In-depth understanding of the principles and best practices of software configuration management (SCM) including Agile, Scrum and Waterfall methodologies.
* Strong program management, implementation, analytical & training skills that have resulted in repeated success guiding sizeable, cross-functional teams in the design & launch of leading-edge solutions and best practices.
* Extensive knowledge in building, deployment, administration, management, configuration, testing, and integration tasks related to the cloud-based web applications for PaaS, IaaS or SaaS uses Azure Cloud platform.
* Proven success in contributing significant impact to cost reduction and profit maximization through innovative Technology planning, operating standards & procedures, and IT infrastructure.
* Good analytical, presentation & communication skills and ability to adapt new technologies and project environments.

**Key Skills and experience:**

* **Cloud platforms:** Hybrid Cloud and Microsoft Azure.
* **CI/CD Tools:** Hudson, Jenkins, Bambooand Visual Studio Code.
* **Artifact Repository Manager:** JFrog, Nexus.
* **Build & Operating Systems:** Maven, Sonar, Nexus, and Ant, OpenStack, VMware, Red Hat Virtualization, Oracle, SAFE agile methodology and JIRA.
* **Database:** Oracle, MySQL, MongoDB, SQLite, SQL Server, No-SQL Databases, Sybase.
* **Web/Application Servers:** JBoss, PHP and Web Sphere.
* **Tracking & Repositories Tools:** Github, GitLab, BitBucket, JIRA and ServiceNow.
* **Programming Languages:** Yaml, JSON, JavaScript, HTML, XML and Shell Scripting.
* **Working knowledge of GCP cloud.**
* **Monitoring:** Google Cloud Compute Engine, Datadog, Splunkand Nagios.

**Certifications:**

* Visual Studio Team Foundation Server, Administration.
* Microsoft Windows Server Hosted Environments, Configuring and Managing.

**Education:**

**The University of British Columbia**, Vancouver, BC                     Sept. ‘94 – Dec. ‘98

*Degree*: BSC in Computer Engineering

**PROFFESIONAL EXPERIENCE:**

**CBTS/Kroger, USA**  February ‘23 – Present

**DevOps Engineer**

**Responsibilities:**

* Administered Azure DevOps to setup various build and releases using GitHub, build pipelines and Azure DevOps releases.
* Worked on migration of source code and pipelines from Azure DevOps onto GitHub.
* Tested the build pipelines migrated in GitHub on Dev and Prod environments.
* Provided work estimates as needed.
* Developed standardized practices for delivering new products and capabilities.

**New York Education Board, New York City, NY** April 21–December 22

**DevOps Engineer**

**Responsibilities:**

* Administered Azure DevOps to setup various build and releases using Github, build pipelines and Azure DevOps releases.
* Setup various Octopus deployment projects for Dev, QA and Production environments.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Worked with Dev team to troubleshoot any CI/CD issues in terms of build issues and deployment issues.
* Administered DataDog to provide monitoring on cloud bases applications ensuring stability of various environments.
* Worked with management teams to propagate various builds through various environments (from Dev to Production).
* Worked on the migration of Azure DevOps onto GitHub.
* Working on migration of source code and pipelines from Azure DevOps onto GitHub.

**Indigo Ltd, Toronto, ON** April ’20 -April21

**DevOps Lead Engineer/Site Reliability Engineer**

**Responsibilities:**

* Setup and administered release and deployments scenarios using Octopus and TeamCity.
* Setup various Octopus deployment projects for Dev, QA and Production environments.
* WroteTerraform scripting to provide Infrastructure as Code practices to set up VMs to meet various files system requirements.
* Setup CI/CD using Azure DevOps for building and deploying of applications.
* Setup and administered releases using Bitbucket.
* Administered and setup DataDog to provide monitoring on various cloud based applications.
* Managed and administered deployment cycles onto Production environments.

**Grant Thornton LLP, Toronto, ON** July ‘19 – April ‘20

**Automation Engineer/SRE Engineer**

**Responsibilities:**

* Designed and implemented a system for automatically archiving on-premises files systems and loading the archived files onto Azure Blob on nightly basis with tracking mechanism to ensure flawless processing.
* Worked with ARM templates and scripts using Azure PowerShell during Automation and Build Process.
* Used Azure ARM to provide Infrastructure as Code practices to set up VMs to meet various files system requirements.
* Worked on implementing backup methodologies by Power Shell Scripts for Azure Services like Azure SQL Database, Key Vault, Storage blobs, App Services etc.
* Developed and debugged scripts for automation of the above tasks.
* Provided task updates, status reports and attend project meetings regularly
* Created and updated technical documentation.
* Work with SREs to grow their technical, interpersonal and leadership skills.
* Experience in Site Reliability Engineering, Cloud Operations, or similar role.
* Deploying Azure Resource Manager JSON Templates from PowerShell worked on Azure suite: Azure SQL
* Used GT mandated tools and applications for assigned tasks, such as Bitbucket, Jira, Confluence, etc.
* Demonstrated strong analytical skills and technical problem-solving skills.

**Toyota Canada Inc., Toronto, ON** May ’18 – July ‘19

**UCD Admin/ SRE Engineer**

**Responsibilities:**

* Administered Azure DevOps to provide various tasks (i.e. creation of user access levels to projects, the creation of build definitions, the creation of repos, the creation of epics and projects, etc.).
* Administered the deployments of various applications through IBM UCD (Urban Code Deploy).
* Lead and managed a team of DevOps individuals.
* Setup various build definitions with generic and customized build templates to facilitate various build and release requirements.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Setup and administered release and deployments scenarios using Octopus.
* Setup various Octopus deployment projects for Dev, QA and Production environments.
* Providing guidelines on the best practices when it comes to SCM methodologies.
* Documented the best practices of SCM methodologies.
* Work with SREs to grow their technical, interpersonal and leadership skills.
* Experience in Site Reliability Engineering, Cloud Operations, or similar role.
* Administered the setup of IBM APIC for providing API connectivity for many applications.
* Used UCD to facilitate CI/CD methodologies throughout the rollout of the new applications.
* Used PowerShell to write scripts to perform scheduled tasks for Java related application deployment.
* Worked with development teams to troubleshoot application issues on IBM Liberty servers.
* Administered IBM IIB servers in terms of the deployment of bar files and configuration of IBM Queue Managers.
* Performed various application deployments to IBM Liberty and IBM WAS servers.
* Worked with Jira on tracking bugs and defects.
* Setup and administered Jenkins to perform build on a few applications.

**Patient Prompt, Toronto, ON** June.’17 – May ‘18

**Azure DevOps Engineer**

**Responsibilities:**

* Administered different areas of company server infrastructure within Microsoft Azure. The company was involved purely in the healthcare industry facilitating the correspondence of health practitioners and patients.
* Worked on Azure PaaS Solutions like Azure Web Apps, Redis Cache, Application Insights, Azure Serverless Functions, SQL Azure and Azure Storage.
* Administered Azure Key Vault to store and administer various service accounts, passwords and various keys.
* Used Terraform to code and deliver infrastructure as code.
* Managed RBAC within Azure to provide access and security amongst user’s access to resources (VMs, disk spaces and etc.)
* Participated in the development, release and troubleshooting of a product using .Net Core technology.
* Developed and administered scheduled jobs regarding different on-going processes. Used Windows Task Scheduler and FireDaemon to setup scheduled tasks.
* Administered Azure AD, Table Storage and Storage services to perform various DevOps related tasks and duties.
* Performed Vulnerability Scanning Jobs using Rapids 7 security tool.
* Worked with Development team to resolve the application vulnerabilities.
* Implemented application level changes to ensure security vulnerabilities were addressed.
* Performed regular AD tasks and duties (creation of user accounts, groups, etc.).
* Participated in all levels of DEV, QA and PROD roll outs.
* Worked with development teams to identify and resolve build or deployment problems and help to develop processes to facilitate automated software deployment.
* Administered Linux and Windows OS environments running on Azure cloud.
* Actively Participated on Agile oriented projects.
* Utilized JIRA and Confluence for record keeping, Tasks assignments, documentation and sharing project related info.
* Performed tasks on a regular basis to discover Security vulnerabilities within the infrastructure and administered application of patches and resolutions to resolve those vulnerabilities.
* Performed penetration testing.
* Installed and configured Anti-virus installations across different environments.

**TD BANK, Toronto, ON** Mar.’16 – June ‘17

**DevOps Engineer**

**Responsibilities:**

* Created CSR Installation of SSL certificates on JBoss EWS. –
* Implemented Linux operating system scripting tools within file permissions resource and provisioning and troubleshooting in a virtual environment.
* Prepared automatic server deployment using OpensStack.
* Wrote TOSCA blueprints for automated deployment of servers onto the OpenStack private cloud.
* Used OpenStack to deploy Linux servers with WebSphere running and administering WebSphere servers.
* Worked extensively with Nexus for automated Blueprint deployment onto Cloud.
* Provided support in all levels of DevOps tasks (i.e. Firewall requests, Certificate installations and requests, service accounts and security groups).
* Provided support in troubleshooting cloud deployment issues by investigating error logs and modifying TOSCA blueprints accordingly.
* Participated in all levels of DEV, PAT and PROD roll outs.
* Wrote DR (Disaster Recovery) plans to encompass different scenarios in the event of a real DR.
* Wrote PowerShell scripts for cloudification purposes.
* Set up Jenkins to achieve automated build and deployment goals.
* Worked with development teams to identify and resolve build or deployment problems and help to develop processes to facilitate automated software deployment.
* Working knowledge of automation using Powershell to perform Continuous integration and continuous deployment.
* Administered Linux, Unix and Windows OS environments.
* Administered Linux based virtual environment Installation, configuration, hardening, and administration
* Administered MS SharePoint server.
* Utilized JIRA and Confluence for record keeping, Tasks assignments, documentation and sharing project related info.
* Setup JBOSS server servers to host web servers on Redhat Linux servers.

**Altus Group Ltd., Toronto, Canada** Mar. '15 – Mar.’16

**DevOps Engineer**

**Responsibilities:**

* Set up Jenkins and Octopus to achieve automated build and deployment goals.
* Used PowerShell to setup and allocate VM on AWS and Azure Cloud.
* Setup and administered release and deployments scenarios using Octopus.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Setup various Octopus deployment projects for Dev, QA and Production environments.
* Used MS Build, Ant and Maven to build different projects.
* Setup Maven build tool and environment.
* Setup Teamcity for building various applications.
* Administered and used Git to perform source code management.
* Used source control management system to create branches and performed needed merges.
* Wrote Android Mobile applications in Java.
* Used TFS Release to perform automated build and deployment.
* Wrote PowerShell scripts for deployment purposes.
* Configured QA and production servers. Configuring IIS and SQL servers.
* Wrote application in Java for Android.
* Administrated SCM methodology and practices using TFS 2010.
* Performed the management of the build processes to ensure good practices are followed.
* Performed Change management tasks and producers.
* Worked with development teams to identify and resolve build or deployment problems and help to develop processes to facilitate automated software deployment.

**Konverge Digital Solutions Ltd., Toronto, Canada**April '14 – Mar. '15

**Release Manager / DevOps Engineer**

**Responsibilities:**

* Used source control management system to create branches.
* Used TFS Release to perform automated build and deployment.
* Wrote PowerShell scripts for deployment purposes.
* Developed and maintained applications by utilizing C#.
* Undertook the task of data migration and database restructuring of an application related to food industry.
* Wrote the SQL queries, Stored Procedures and Views.
* Participated in the analysis of the requirements of the business as well as the design of database tables.
* Used Bamboo and Jenkins for CI and Build processes.
* Implemented database upgrade to ensure compatibility with new rules and standards.
* Provided guidance and solutions in various areas within the IT team.
* Worked with business developers to perform analysis and recommend solutions.

**SA Armstrong Ltd., Toronto, Canada** Aug. '08 – April ‘14

**Lead SRE/DevOps Engineer**

**Responsibilities:**

* Used source control management system to create branches and performed needed merges.
* Set up Jenkins to achieve automated build and deployment goals.
* Performed Change management tasks and producers.
* Used MS Build to build different projects.
* Work with SREs to grow their technical, interpersonal and leadership skills.
* Experience in Site Reliability Engineering, Cloud Operations, or similar role.
* Extensively worked on Jenkins to implement continuous integration (CI) and Continuous deployment (CD) processes.
* Experienced in Automating, Configuring and deploying instances on AWS environment and Data centers, also familiar with **EC2**, **Cloud watch**, **Cloud Formation** and managing security groups on AWS.
* Lead and managed a team of DevOps individuals.
* Wrote application in C# incorporating TDD and BDD automated testing practices.
* Used CodeBuild, CodePipeline and CodeDeploy to build and deploy different applications onto AWS cloud.
* Used CloudWatch to monitor different vms within AWS cloud.
* Used PowerShell to automate server setup and initialization on AWS.
* Working knowledge of automation using PowerShell to perform Continuous integration and continuous deployment.
* Set up and administered Splunk tool for monitoring different environments.
* Developed and administered scheduled jobs regarding different on-going processes. Used Windows Task Scheduler and Jam Jobs to setup scheduled tasks.
* Migrated various applications onto Public Clouds (AWS).
* Deployment of various applications onto AWS cloud.
* Used TFS Release to perform automated build and deployment.
* Wrote PowerShell scripts for deployment purposes.
* Wrote scripts to automate the build process using MS Build.
* Worked with Hudson to automate build and releases onto Dev. and QA servers.
* Configured QA and production servers. Configuring IIS and SQL servers.
* Configured Active Directory servers.
* Administrated SCM methodology and practices using TFS.
* Administrated Release and build process using TFS.
* Performed Troubleshooting issues affecting QA and production servers using

various debugging tools such as ProcMon.

* Administered various web sites within the organization.
* Administered MS Team Foundation Server.
* Performed software release duties. Administered deployment of releases onto

production servers.

* Developed Web site administration and user management system.
* Responsible for the creation of the user defined applications, database classes, procedures and user controls.
* Modified applications according to the user’s requirements.
* Trained and helped other developers to resolve the technical problems related to TFS.
* Involved in the process of rewriting legacy system using ASP .Net and C# technologies which connected to MS SQL server database.
* Performed Management of the build process to ensure good practices are obeyed.
* Worked with development teams to identify and resolve build or deployment problems and help to develop processes to facilitate automated deployments.

**C.R. Laurence Co., Los Angeles, CA** May ‘08 – Aug. ‘08

**Software Engineer**

**Responsibilities:**

* Developed web and windows applications using C# .NET, VB .NET, ASP .NET and ADO.NET technologies which connected to SQL Server.
* Participated in troubleshooting of the web applications.
* Participated in the deployment of the applications onto various environments.

**Caspian Consulting Ltd., Tehran, Iran** Sept. ‘03 – May ‘08

**Software Engineer**

**Responsibilities:**

* Implemented an enterprise-level system that allows banking transactions. The system used C, C++, VB, Pro\*C and ADO .Net technologies which connected to Oracle database.
* Implemented over-night Batch processes using C, Embedded C(Pro\*C), UNIX shell scripting, ksh and PL/SQL technologies on HP-UX environment which connected to Oracle database.
* Programmed different types of reports using the Microsoft Reporting services, stored procedures, C# .NET, ASP .NET and ADO.NET technologies which connected to SQL Server database.

**INCUBED Inc., Toronto, ON**                                          Jan. ’99 - Aug. ‘03

**Software Engineer**

**Responsibilities:**

* Developed web and windows applications using C# .NET, VB .NET, ASP .NET and ADO.NET technologies which connected to SQL Server and MS Access databases.
* The company was involved purely in the healthcare industry facilitating an application related to Health care insurance coverage and administration (Drug, Dental, etc).
* Participated in the administration of deployment for various applications onto QA, Stagging and Prod.
* Implemented user authentication systems.