**Adnan Khan**

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**DevOps & Site Reliability: Senior DevOps Engineer**

**CAREER HIGHLIGHTS**

* Seasoned**DevOps Engineer with 8 years**of experience with IT giants like Walmart USA , Sopra Steria to mid-level organizations.
* Currently serving multiple roles as Senior DevOps Lead , CI Specialist , Release Manager, DevOps Trainer at Sopra Steria.
* Designed and Delivered End to End product delivery pipelines from on-prem to client environments.
* Tenacious troubleshooter and an expert in support activities involving deployment and production issues.
* 6+ years of experience in administrating of tools such as Jenkins, Nexus, Sonar, Nagios, JIRA, Confluence.
* Experience Onsite Coordinator and Release Manager at EPO, Netherlands.
* DevOps trainer and Practitioner at Sopra Steria, working with Dev and Test team for on boarding on DevOps practices.
* Experienced with DevOps tools like Jenkins, TeamCity, Openshift, Kubernetes, Docker, AWS, JIRA ,SNOW etc.

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**TECHNICAL EXPERTISE**

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| --- | --- | --- | --- | --- | --- | --- |
| **Tool** | **Experience(In Years)** | **Expert** | **Intermediate** | **Novice** | **Admin** | **Developer** |
| **Kubernetes** | 3 |  | 🗸 |  |  | 🗸 |
| **Open Shift** | 3 | 🗸 |  |  |  | 🗸 |
| **GITLAB-CI** | 3 | 🗸 |  |  |  | 🗸 |
| **Jenkins** | 7 | 🗸 |  |  | 🗸 | 🗸 |
| **TeamCity** | 3 |  | 🗸 |  |  | 🗸 |
| **Docker** | 5 | 🗸 |  |  |  |  |
| **Jfrog** | 3 |  | 🗸 |  |  | 🗸 |
| **Nexus** | 6 | 🗸 |  |  | 🗸 | 🗸 |
| **SonarQube** | 7 | 🗸 |  |  | 🗸 | 🗸 |
| **Nagios** | 5 |  | 🗸 |  | 🗸 | 🗸 |
| **JIRA** | 5 |  | 🗸 |  | 🗸 | 🗸 |
| **Confluence** | 5 |  | 🗸 |  | 🗸 | 🗸 |
| **Bit Bucket** | 5 |  | 🗸 |  | 🗸 | 🗸 |
| **AWS** | 1 |  |  | 🗸 |  | 🗸 |
| **GCP** | 1 |  |  | 🗸 |  | 🗸 |
| **GIT** | 5 |  | 🗸 |  |  | 🗸 |
| **Maven** | 7 | 🗸 |  |  |  |  |
| **YAML** |  |  | 🗸 |  |  | 🗸 |
| **C#** |  |  | 🗸 |  |  | 🗸 |
| **Linux** | 8 | 🗸 |  |  |  |  |

**EXPERIENCE**

**Technical Lead - CI Specialist (DEVOPS LEAD)** at SOPRA STERIA, Noida (Dec’17 – Present).

**Current Role:** Currently serving the Role of DevOps lead for CI team and Responsible for designing the solution for End to End Delivery within the Organization as well as to the Client.

Make use of available In-House tools for Pipeline and Code Delivery. Training and on boarding of Dev and Projects for the DevOps culture and migration project to the container platform. Leading a team of 5 taking charge in revolutionizing the way of code Delivery.

**Key Responsibilities:**

* Design and Implementation of Delivery Pipeline from Dev to Production on Openshift Platform for Different projects.
* Creation and configuration of complete application and CI infrastructure on openshift.
* Creation of Reusable Openshift Templates for Openshift Deployment and Infra structure.
* Creation of Re-Usable GITLAB-CI Pipeline structure.
* Onboard Projects on common tools platform.
* Train and Mentor Peers and developer on the practices implemented and provide them insight on how to troubleshoot common issues.

**Projects Handled:**

**ZWEXper(WolksVagon)**

**Key Responsibilities:**

* Design and Implementation of Delivery Pipeline from Dev to Production on Openshift Platform.
* Creation and configuration of complete application and CI infrastructure on openshift.
* Worked closely with Dev Architect to define branching strategy and release strategy.
* **Technologies Worked On: Gcloud**, Sonar, Docker, Kubernetes, SonarQube

**SLS(Steria Liquidity Suite)**

**Key Responsibilities:**

* Worked on the migration of Applications on GKE.
* Creation of GKE cluster consisting of 4 worker nodes.
* Defined security protocol for the applications.
* Wrote HELM charts for application deployment on kubernetes.
* Configured CI/CD pipeline using JenkinsX hosted on kubernetes cluster.
* Created VPN tunnel for communication with on-prem services including database.
* **Technologies Worked On: Gcloud**, Sonar, Docker, Kubernetes, SonarQube

**SUSI**

**Key Responsibilities:**

* Configured CI/CD pipeline using the Soprasteria inhouse tools.
* Created open shift templates for hosting the environments (dev,test) on openshift platform using Docker Containers.
* Wrote Docker files for the frontend and backend services.
* Hosted CI tools over open shift in the containerize platforms.
* Implemented Docker strategy for the openshift.
* Wrote openshift template for promoting database changes using via flyway scripts on the containerize platform.
* Defined release and branching strategies for the project.
* Creating Technical documents for troubleshooting and information pertaining to Openshift infrastructure.
* Provided Training to the peers on the Docker , Openshift and CI/CD platform.
* **Technologies Worked On:** GITLAB-CI, Sonar, Docker, Openshift, SonarQube

**RPA(Robotic Process Automation)**

**Key Responsibilities:**

* Configured Continuous Delivery Pipeline.
* Worked on GIT-LAB CI for configuring jobs for micro services used for compilation and running test cases and deploying services on to Docker Containers.
* Wrote Docker files for the frontend and backend services.
* Used In house Openshift Platform for Deploying Database . front-end and backend services.
* Exposed routes and Services on the openshift and shared with Tester to perform testing.
* Provided training to developers on work flow for GIT and integration with Openshift for Deployment.
* **Technologies Worked On:** GITLAB-CI, Sonar, Docker, Openshift, SonarQube

**RammoGram: Deutsche Bank**

**Key Responsibilities:**

* Set Up CI/CD Pipeline for RammoGram from scratch.
* Created Teamcity Jobs for Continuous ,Nightly , Release and Deployment Builds.
* Working with development team in creating the Pipeline and integrating the applications with SONAR.
* Worked with business in setting-up the .
* Prepared and shared release notes with the stake holders at EPO.
* Prepared Training Documents for Developers on how to use Jenkins and CI tools for deployment.
* **Technologies Worked On:** Teamcity, Sonar, Bit-Bucket, GIT, MAVEN.

**Hosted Filing Systems : EPO (European Patent Office)**

**Key Responsibilities:**

* Set Up CI Pipeline at EPO.
* Created Declarative Pipeline Jenkins Jobs for Continuous ,Nightly , Release and Deployment Builds.
* Created Jobs at EPO for AD-HOC deployment on TEST/INTG/UAT deployments.
* Integrated Angular code with Sonar for code analysis.
* Working closely with development team in updating pom.xml
* Worked as Release Manager and Co-ordinated with teams at EPO for setting up ST/SIT/INTG/UAT and Production Environments.
* Prepared and shared release notes with the stake holders at EPO.
* Prepared Training Documents for Developers on how to use Jenkins and CI tools for deployment.
* **Technologies Worked On:** Jenkins, Sonar, Git-HUB, , JBOSS.

**EDossier : EPO (European Patent Office)**

**Key Responsibilities:**

* Set up the CI infrastructure.
* Installed and Configured Jenkins, Sonar and Nexus for Continuous Integration and Deployment.
* Configured Nagios Core for monitoring.
* Installed and upgraded plugins on Jenkins.
* Upgraded Nexus to latest version.
* Created Jobs for Development.
* Created Jenkins Jobs for Automated deployment on development and Testing environments.
* Configure application servers JBOSS and tomcat for better performance and application deployment.
* Configured Windows and Linux machines for application deployment.
* Working closely with testing and development team to make sure delivery is done on time.
* Prepared Training Documents for Developers on how to use Jenkins and CI tools for deployment.
* **Technologies Worked On:** Jenkins, Sonar, Git-HUB, GIT, MAVEN,Nagios,Tomcat, JBOSS, Angular JS

**Technical Lead** at SBSC India Pvt Ltd, Noida (April’14 – Nov’17).

**Organization Projects:**

**Client: Walmart Stores Inc. USA -Software Delivery Enablement and Upgrade**

**Key Responsibilities:**

* Upgraded Jenkins Core to latest version.
* Upgraded SonarQube to 5.5.6 and integrated with Jenkins and TFS.
* Installed and upgraded plugins on Jenkins.
* Wrote pipeline jobs for Jenkins Maintenance.
* Integrated Docker with Jenkins.
* Configured High Availability for Jenkins to ensure the services are not impacted.
* Worked on CI tools Jenkins and Looper to fix bugs in the builds and rectify issues to endure timely delivery.
* Fixed Issues with release builds related to Configuration.
* Found Bugs with the builds and intimated the development team to rectify them.
* Created and Implemented Change controls for the upgrade of applications and plugin in both prod and cert environment.

**Technologies Worked On:** Jenkins,Automic,Sonar, Leankit, Looper, Docker, Git HUB, Stash, Confluence and JIRA, Service Now.

**Wal-Mart Enablement Services:**

**Key Responsibilities:**

* Administration of Atllassian tools like JIRA,Confluence, Crowd.
* Upgrading of Plugin on JIRA and Confluence as per user requirements.
* Upgraded Confluence on both Test and production environments.
* Implement Change on Production and Test environments.
* Assist in build integration on Jenkins and Anthill Pro.
* Administration of Jenkins, Confluence, JIRA, Anthill Pro, GIT.
* Assist Users on build failures in production and testing phase on Jenkins, Anthill
* Pro, Automic.
* Work with Tool owners i.e. Cloud bees, urban code, HP, CA to resolve the issues.

**Technologies Worked On:** Hudson Jenkins , Anhtill Pro , Remedy, Xmatters

**SOFTWARE DEVELOPER** at MAAZZ INFOTECH, Delhi (NOV’12- April’14)

**Key Responsibilities:**

* Development of Web and Console applications.
* Assist in designing of Database schema.
* Wrote stored procedure and indexes for better performance of Database.

**Organization Projects:**

**Online Shopping Portal, (Jan’14 –April’14)**

Online Shopping Portal for buying and selling of leather items .User can select

From a variety of items available in the stock list.

* **Technologies Used:** ASP.NET, Entity Framework and SQL server 2008.

**Online Food Order System (**<http://www.menusnmotion.com>**),**(Feb’13 – June’13)

Project is for ordering food online users can create account and order food items available within the range of their residential area.

* **Technologies Used**: ASP.NET 3.5, ADO.NET, and SQLSERVER 2008.

**Key Responsibilities:**

* Developed Login/Register interface for Customers registration.
* Developed authentication and account locking capability in Web Portal**.**
* Assisted in development of database schema.

**Online School Management (**<http://www.cghschool.org/>**):**

This project is for online registration for examinations and getting subscribed for any notifications. Once subscribed parents and students receive automatic notification via email for any event taking place at school.

* **Technologies Used**: ASP.NET 3.5, ADO.NET, SQLSERVER 2008, JavaScript and JQuery.

**Key Responsibilities:**

* Developed Web DB interface for management of records.
* Developed Email interface for sending email automatically to the registered students and respected parents for the upcoming events.

**EDUCATION**

* B.TECH (ELECTRONICS & COMM) with 66.6% from M.D.U, Rohtak, 2011.
* XII standard with 62% from C.B.S.E, Delhi, 2007.
* X standard with 77.2% from C.B.S.E, Delhi, 2007.

**DECLARATION:**

I hereby declare that the above-mentioned information is best to my knowledge and belief.

**DATE: ADNAN KHAN**