**SHUJAUDDIN MAZHAR MOHAMMAD**

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**Professional Summary:**

* DevOps Engineer with 7+ years of experience in agile development methodologies for diverse requirements performing automation of build, deployment and release of code.
* With “Shift Left” paradigm implemented Continuous Integration, Continuous Deployment pipelines for agile projects. Act as an intermediary between development and testing team.
* Knowledgeable in common SCM practices such as branching, code merge and rebase.
* Quick and brilliant in utilizing any code management software. Strong working knowledge of environment and tools.
* Hands on experience in installing and administering DevOps tools like Git, Jenkins, Maven, Nexus etc.
* Wrote several scripts to automate activities and improved productivity by at least 25%.
* Good overview of AWS Cloud and its important services like VPC, Route53, EC2, S3, IAM, DB services etc.
* Handled critical calls for outages and business impacting issues, collaborated with teams to build relationship and improved resource utilization.
* Ability to work with minimal supervision, terrific troubleshooting skills, make decisions based on priorities.

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# Professional Experience:

**Deloitte LLP – Sacramento, CA Jan 2018 –Present**

**Project: Child Support Enforcement**

**Systems Software Specialist – II:**

* Working on orchestrating new agile tools and developing CI/CD roadmap per Client’s requirements.
* Transitioned to GIT version control system and GitLab cloud repository. Drove strategy for migrating from ClearCase to GitLab, including branching, merging and rebasing.
* Performed automation using REST APIs for repeated activities in GitLab. Wrote git-hook scripts for local repository and used Reg-Ex to create webhooks in GitLab per business need.
* Worked on installing/configuring Maven on build servers. Responsible for maintaining pom.xml. Configured setting.xml to proxy the Nexus hosted repository to use dependencies and deploy the build artifacts to the Nexus Group Repository.
* Implemented Nexus Repository Manager POC. Created Group repository for Maven which included proxying maven-central repo, hosted repo for all the build artifacts i.e. snapshots-for test environments and release-for production environments.
* Configured Jenkins cluster, monitored and maintained Master and Slave nodes.(Build servers)
* Created several Jenkin Jobs as required by the application. Implemented CI using Jenkins. Automated build and deployment process, eliminating 80% of manual work.
* Participated in AWS Hackathon and was responsible for maintaining VPC, configuring Security Groups, Subnets and monitoring traffic.
* Provisioning EC2 instances, installing/administering Tomcat and deploying the web application to it.
* Maintain the IAM of the environment by creating Roles, Groups and attaching respective polices.
* Familiar with basic networking concepts TCP/IP, firewalls, NAT/PAT IPs, etc.
* Suggested, administered and maintained all the Access Control Lists for the mentioned toolsets.
* Wrote several BASH/KSH scripts to automate regular task as required by the above tools.

**Global Touch Points Inc. – Roseville, CA May 2017 – Jan 2018**

**Project: Child Support Enforcement**

**Systems Software Specialist – II:**

* Involved in build and deployment of code onto multiple environments. Troubleshoot build and compile issues. Make baselines and cross verify proper deployment of code onto respective environment.
* Manage/improve the integrated build pipeline and the environments which include development, testing, acceptance and staging.
* Modify and maintain Jenkins jobs per business requirements. Troubleshoot the job failures in Jenkins and trap the error to overcome in future.
* Single handedly implemented/maintained CA tools like Test Data Manager and DevTest from scratch.
* Worked as a middle man between Development and Testing Team to identify their use cases and helped in establishing a seamless process.
* Documented all the processes and maintained the knowledge repository to avoid dependency in the team

# Northern Illinois University - Dekalb, IL Jan 2016 – Dec 2016

# Graduate Assistant:

* As a liaison between professor and students, assisted professor in calculating and maintaining grades, as an instructor took lab sessions, cleared doubts and helped students to perform well.

# Infosys Limited – Hyd, IN Sept 2010 – July 2015

**Project: Finacle Core Banking Solutions**

## Senior Systems Engineer: Jan 2014 – July 2015

* Coordinate/assist developers with establishing and applying appropriate branching, labelling/naming conventions using GIT source control.
* Experience in installing, integrating, tuning, troubleshooting Apache Tomcat webserver. Deployment of build artifacts like .ear, .wars and .jars into a WAS and WebLogic app server.
* Created build using ANT and MAVEN as build tools and used JENKINS to kick off the builds from one environment to other environments.
* Tweaked deployment scripts to bring down the deployment time by 50%. Streamlined applications delivery to get applications out to customers faster.

## Systems Engineer: Sept 2010 – Dec 2013

* Procured Linux machine and installed project specific applications on it, monitored setup issues, deployed patches to fix defects, maintained a healthy server to prevent abrupt crashes.
* Deployed the Finacle Core Banking Application on different UNIX (HP-UX, IBM AIX, SUN SOLARIS) platforms and Windows Server 2K8 and setting up databases for the same.
* Created the required WAS profiles for front end components, deployed applications on them and initiated the required services. Verified the entire setup and notified the same to the team.
* Provided support on weekends and odd hours to ensure little to no disruption of local and operational systems during scheduled maintenance and outages.
* Performed Oracle DBA tasks like DB Creation, tuning, backup/restores, granting roles, privileges etc.
* Wrote Shell scripts to automate routine activities and simplified the work of testers.
* Administered DB objects like, table, views, indexes, synonyms etc. Created database links to access the data from remote databases.
* Documented the installation procedure, troubleshooting guide and updated the same. Published an internal paper on ‘Oracle Data Pump Utilities’.

# Education:

* Master of Science in Management Information Systems, Northern Illinois University **Dec - 2016**
* Bachelor of Engineering in Electronics and Communication, Osmania University **June – 2010**