

JESSICA CLAIRE

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SUMMARY

- 7+ years of professional total IT experience in design, develop, build and deployment of web applications.
- 3+ years in practicing DevOps, Cloud Automation & Quality Engineering.
- Strong analytical and problem-solving skills and can work either independently with little or no supervision or as a member of a team.
- Critical thinking DevOps Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be strong team player plus work effectively independently.
- Good written and verbal communication skills, strong organizational skills and a hard-working team player, well-practiced in attending phone calls and answering business team queries.

EXPERTISE

- Migrating applications to both AWS and Azure.
- Extensive experience in setting up **CI/CD pipelines** using tools such as **Jenkins, Maven, Docker, Nexus, Artifactory, Slack and Azure pipelines**
- Strong experience in automating infrastructure setup **On AWS cloud and Azure Cloud using Terraform**.
- Extensive experience in distributed **Agile and Scrum** methodologies to develop best practices for software development and implementation
- Strong experience in working with version control systems such as **Git, GitHub, Bitbucket, Azure Repos**
- Experience working with developing scripts and automation tools used for **building, integrating and deploying software releases to multiple environments**.
- Strong hands on experience in scripting languages such as **Groovy, JSON, YAML, Shell scripting**.
- Strong experience in code quality And code coverage tools such as **SonarQube, JaCoCo And JUnit**.
- Good knowledge of virtualization And container technology like Docker. Experience in creating **Dockerfiles** And working with **Docker containers**.
- Have good knowledge in **Kubernetes** And have setup clusters in **Amazon EKS, Azure AKS**
- Strong exposure in **Ansible** for managing software installations, patch management to servers.
- Strong knowledge on practicing **TDD**, automating Junit tests using **Maven in Jenkins**.
- Strong knowledge in Tomcat, WebLogic servers on different Operating Systems like Windows, UNIX And Solaris platforms.

EXPERIENCE

Devops Engineer, 07/2020 - Current

Alleare Consulting – Alexandria, VA

In this project, as a Cloud DevOps Engineer, I am responsible for migrating applications into AWS cloud by creating CI/CD pipelines using Jenkins.

Contributions:

- Set up CI/CD pipelines for Microservices and integrated tools such as **Maven, Bitbucket, SonarQube, Nexus, Docker, Slack** for providing immediate feedback to DEV teams after code check-in.
- Provisioned Dynamic Jenkins Docker slaves using DockerHost for CICD Pipelines.
- Wrote Ansible playbooks from scratch in YAML. Installing, setting up & Troubleshooting Ansible, created and automated platform environment setup.
- Set up Git repositories and SSH Keys in **GitHub** for Agile teams.
- Integrated GitHub web hooks into Jenkins to automate the code check-out process.
- Implemented the setup for master slave architecture to improve the performance of **Jenkins**.
- Imported existing infrastructure into Terraform using Terraform Import command.
- Created **Docker file** and automated docker image creation using Jenkins and Docker.
- Automated infrastructure provisioning on AWS using **Terraform and Ansible**.
- Created nightly builds with integration to code quality tools such as SonarQube, Veracode.
- Created quality gates in **SonarQube** dashboard and enforced in the pipelines to fail the builds when conditions not met.
- Rebuild of entire existing platform over to **Docker** containers.

DevOps Engineer, 08/2018 - 06/2020

Alleare Consulting – Mesa, AZ

I am responsible for managing Azure resources in cloud and maintain Continuous Integration and Continuous Deployment (CI/CD) pipeline for fast paced robust application development environment. As a member of onboarding team, my responsibility is to implement DevOps transformation by working with Agile teams to migrate applications to Azure platform.

Contributions:

- Setup repos on **Azure Git**, merging code from develop branch to master branch and make it ready for deployment.
- Migrated legacy applications to Microsoft **Azure** Cloud PaaS by setting up CI/CD pipelines on **AzureDevOps**.
- Created **WebApps (PaaS solutions)** on Azure portal for deploying web applications using **Azure DevOps pipelines**.
- Setup AKS clusters in Azure using Azure CLI.
- Created nightly builds with integration to code quality tools such as **SonarQube**, Veracode.
- Helped teams to reduce defects rate by 30% by introducing **TDD** in first 3 months.
- Created quality gates in **SonarQube** dashboard and enforced in the pipelines to fail the builds when conditions were not met.
- Set up the SonarLint plug-ins in developer's workstation for detecting defects early during development.
- Built and deployed Docker containers to break up monolithic app into micro services, improving developer workflow, increasing scalability, and optimizing speed.
- Implemented Release management workflow for QA, UAT and Prod environments.

Java Engineer, 05/2015 - 07/2018

American Express – Cincinnati, OH

- Effectively engaged with full programming improvement lifecycle: from business/frameworks investigation, through necessities gathering and practical detail composing, to advancement, testing and conveyance.
- Composed and created UI screens utilizing HTML5, CSS3, JavaScript, JSON and AJAX.
- Created custom Angular JS mandates to assemble custom reusable segments to use over the application pages.
- Utilized Spring Beans to embody business rationale and Implemented Application MVC Architecture utilizing Spring MVC.
- Created server-side application to associate with database utilizing Spring Boot and Hibernate.
- Utilized Spring XML setup for Dependency Injection.
- Created complex administration segments for Data Access Layer, DAO classes to communicate with backend utilizing Java and Hibernate Framework.
- Utilized Maven for assemble structure and Jenkins for persistent form framework.

EDUCATION

Master of Computer Applications: 05/2014

Manonmaniam Sundaranar University - Trichy, TamilNadu, India.