

Jessica Claire

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SUMMARY

Over 3 years of experience in the Software Development includes multiple responsibilities as a DevOps Engineer.

- Worked on Infrastructure as Code Agile environment.
- Experience in Automating, Configuring and Deploying Instances on AWS environment.
- AWS provisioning and experience includes EC2, S3, IAM, VPC, ELB.
- Terraform as Infrastructure as Code, used Ansible, Docker, Packer for the automation and deployment.
- Used Docker for the virtual deployments on to the EC2.
- Extensively used tracking tool JIRA for tracking, reporting and managing bugs.
- Hands on experience using SonarQube and Splunk.
- Widely used GitHub and Jenkins for the code and pipeline jobs.

SKILLS

• GitHub, Jenkins, Packer, Docker, Ansible, Terraform, AWS, EC2, VPC, IAM, S3, ASG, ELB, Splunk, Puppet.	SonarQube, Airflow, NewRelic, EMR, Spark, Hadoop, DynamoDB, Python, Shell, Bash, AWS CLI.
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EXPERIENCE

DEVOPS ENGINEER 05/2018 to CURRENT

Lockheed Martin Corporation | Mount Laurel, NJ

- Creating POC for the internal DataEase portal to automate with the DevOps methodology.
- Creating Jenkins jobs for automated deployments.
- Documenting POC for the DataEase Migration to AWS.
- Configuring Continuous Integration Pipeline with the Jenkins.
- Providing CI solutions to different teams to integrate the specific tool of the application.
- Co-ordinating with multiple teams to make CI compatible tools for the application.
- Supporting the team to implement containerization environment using Docker.
- Work environment includes OpenShift, Kubernetes and WeLogic servers.
- Cloud is used as the delivery and CI.

Environment: Docker, Jenkins, GIT, OpenShift, Kubernetes, WeLogic, SonarQube, Selenium.

DEVOPS ENGINEER

08/2017 to 01/2018

Lockheed Martin Corporation | Shelton, CT

- Modifying **terraform** modules for deploying **Jenkins on VPC**.
- Widely used **Terragrunt** for deploying the changes to the specific instance and provisioning.
- Debug, configured Jenkins jobs and automated the builds.
- **Continuous Integration** with Jenkins pipeline jobs connected to a **GIT** and used **Bash** scripting.
- Updating **JenkinsFile** for automating the Terraform Job in Jenkins.
- Using **Packer-Docker** for launching the instances and using of **Docker** images, Bash.
- Hands on experience on using **Docker** containers for the application lifecycle.
- Setting up **SSH agent** forward and using **API tokens** for the Jenkins pipeline jobs.
- Customized a script for adding **hostnames to the EC2** servers to show on **Splunk**.
- Debugging the issues that are not showing up in the **NewRelic**.
- Generating code coverage reports from the **SonarQube**.
- Knowledge of automating the cross accounts shared **S3 Bucket** which includes **IAM** policies.
- Customizing hostnames for the instances to show up on the **Splunk**.
- Exposure to the many of **AWS services** which includes **VPC, EC2, IAM, S3, EMR, Dynamo DB, Spark, Hadoop with Python**.
- **Ansible** configuration for storing the ssh keys to access the **EC2** instances.
- Used **JIRA** as a tracking, reporting, maintaining tool for bugs and **documenting** the root cause of failures and the approached solution for the specific failures using **Confluence** for the **Agile environment**.
- Participated in the **SprintPlannings, Release Practices, Change Management, Security Awareness Meetings and Pre-Release Meetings** and Exposure to the environment also includes **airflow, EMR clusters**.

Environment

: Git, Jenkins, Bash, Packer, Docker, Terraform, Ansible, Scala, EMR, AWS, Hadoop, S3, NewRelic, SonarQube, Splunk, Terragrunt, IAM, Agile.

DEVOPS ENGINEER

08/2016 to 06/2017

Lockheed Martin Corporation | Louisville, CO

- Understanding **Waterfall/Agile** methodologies and exposure to highly effective **software engineering processes**.
- Part of the team in gathering **business** requirements and providing **technical solutions** to fulfill the needs.
- Performed **automation** with **GitHub, Jenkins** and **Sonar Nexus**.
- Used **Groovy scripting** and maven build tool for application layer modules and configured **Jenkins** as a **Continuous Integration** tool for automation of daily process.
- Triggering the **Jenkins builds** and **troubleshooting** of errors that come up with the **build failure**.
- Exposure to the **Configuration Management** tool **Puppet** and performed few tasks using puppet.
- Helping the team on Integrating the servers for different environments to automatically provision and configuration management of Linux instances using CM/ **Provisioning** tool **Puppet**.
- Worked on the AWS resources like **S3, VPC, EC2, IAM, ELB and ASG**.
- Worked on the **CloudFormation templates** for building the AWS resources.
- Managed policies for granting permissions to S3 Bucket to other team.
- Managing, monitoring the server/network infrastructure using **NAGIOS** and tested the code quality using **Selenium**.
- Used **Shell** scripts to run the unit tests on different jobs in Jenkins like testing the code.
- Worked on the **development** and **maintenance** of processes and associated scripts/tools for **automated build, testing** and **deployment** of the products to various developments.
- Participated in all **Standup meetings/Sprint** plannings and performed the technical approach to deliver the solutions for the **business** needs.
- **JIRA** is used as **ticket tracking, change management** and **Agile** tool.

Environment: Subversion (SVN), Jenkins, AWS, MAVEN, PUPPET, TC Server, Tomcat, Shell/Perl Scripts, Linux.

SYSTEM ADMINISTRATOR

05/2013 to 07/2014

Synnex Corporation | Olive Branch, MS

- Monitoring the **OS** performance checking the **memory, CPU, load averages**, disk utilization etc.
- Managed all the hardware and software components for example, manages memory, processes, CPU, storage.
- Created and managed **users** and **groups** and identify paths and files associated with users and groups.
- Managed disk and file systems, install and configure services on the servers
- Granting permission to users to logon and use server resources and I also manages all the users account and group users to ease management and for administrative purpose.
- Basic troubleshooting knowledge on **Client-Server** errors and networking concepts **TCP/UDP, DHCP, Traceroute and OSI Layers**.
- Use tools like putty and kitty to remote to all the linux servers from windows.

EDUCATION AND TRAINING

Master of Science Engineering Technologies	2016
Bachelor of Engineering	2013
Diploma in Engineering	2010

CERTIFICATIONS

AWS Solution Architect- In Progress & **Docker**- In Progress

ACTIVITIES AND REFERENCES

- Executive member of the International Student Association at University (2014-2015).
 - Participated in Community Services at Southeast.
 - Captain of Indian Cricket team at SEMO and leading the team to win Champions cup organized by University.
 - Attended multiple workshops on Robotics, CyberSecurity and Telecom operations.
 - Researched and performed software simulation on improving the business-customer gap for Submarine at University and also on the Virtual Lab (2015-2016).
- References:** Available upon request