Jessica Claire

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PROFESSIONAL SUMMARY

DevOps Engineer with good experience in the IT industry comprising of DevOps, **Cloud computing**, **infrastructure configuration management**, **Linux systems administration,** and software configuration management (SCM). Automating, and optimizing mission-critical deployments in **AWS**, leveraging configuration management, **CI/CD**, and DevOps processes.

LINKEDIN

- linkedin.com/in/Jessica-Claire-7696a0189

CERTIFICATIONS

- **AWS Solution Architect Associate:** YS2CKH111111QC5
- **CCNA R&S:** CSCO12009623
- **CCNA Voice:** CSCO12009623

WORK HISTORY

DEVOPS ENGINEER

10/2021 to CURRENT

Inmar | Lancaster, MN

- Monitoring automated build and continuous software integration process to drive build/release failure resolution
- Working with cross-teams to help them with continuous integration process for their applications using **Bitbucket CI/CD**.
- Implemented sonarqube from scratch in **AWS ec2** and integrated with Bitbucket pipeline for continuous Analysis of code.
- Also worked with DNS team to get **SSO**(Single sign On) for **sonarqube** and **Jenkins.**
- Used **Conan** to download and upload required dependencies for building C++ code from **Jfrog** artifactory. Also integrated Conan in Bitbucket pipeline.
- Involved in creating a platform for the code to build in **bitbucket CI/CD** using custom **Docker images**.
- Also responsible for building and pushing the docker images to **AWS ECR**. Integrated AWS ECR with **Jenkins** and **Bitbucket CI/CD**.
- Implemented multiple environments like development and production for DevOps.
- Automated backup and recovery procedures for the **AWS EC2** in AWS by creating snapshots.
- Used **Terraform** to build the **AWS** infrastructure and responsible for writing terraform templates, modules, and maintenance of infrastructure.
- Involved in setting up the automatic release pipeline in all environments using **Jenkins**.
- Worked as a Bitbucket Administrator and responsible for all the activates in the Bitbucket.
- Also developed a python script, Automatically download and upload the artifacts from **GitLab** to **Jfrog artifactory.**

DEVOPS ENGINEER

06/2020 to 07/2022

Inmar | Tallahassee, FL

- Worked with development/testing, deployment, systems/infrastructure, and project teams to ensure continuous operation of build and test systems on **Agile methodology.**
- Worked on **git** branching strategies and maintained Source Code repository infrastructure using **GIT**
- Installed, configured, and administrated all **UNIX/LINUX** servers, including the design and selection of relevant hardware to Support the installation/upgrades of **Amazon Linux** and **Ubuntu** operating systems
- Used **AWS** components like **EC2 instances, S3, Cloud Watch, Load Balancer, IAM, AWS Lambda** through **Terraform**.
- Used Terraform scripts to Automate Instances for Manual Instances that were launched before.
- Designed, installed, and implemented configuration management systems using **Ansible.**
- Worked on various scripting languages like **YAML, Shell, Python,Bash and Powershell.**
- Worked on installing **Docker** & creating custom Docker container images, tagging, and pushing the images.
- Managed **Kubernetes** charts using Helm, Created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files, and managed releases of Helm packages.
- Installed and Configured **Jenkins** to build various jobs for application deployment and test cases execution.
- Also had good experience with setting up **SQL** and **NOSQL** database.
- Involved in implementing the **splunk** and also responsible for monitoring using splunk.

AWS CLOUD ENGINEER

09/2019 to 04/2020

Convergeone | Bloomington, MN

- Coordinated in building **UNIX/ Linux** platforms for different applications, troubleshooting, and creating technical documentation
- Managed **Ubuntu Linux** and Windows virtual servers on **AWS EC2.**
- Helped the project in creating the company's DevOps strategy in a mixed environment of Linux (RHEL, Ubuntu) servers along with creating and implementing a cloud strategy based on **Amazon Web Services** (AWS)
- Launched Confidential EC2 Cloud Instances using Confidential Web Services (Linux/Ubuntu) and configured launched instances with respect to specific applications
- Provided consistent environment using **Kubernetes** for deployment scaling and load balancing the application from dev through production, easing the code development and deployment pipeline by implementing **Docker** containerization with multiple namespaces.
- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **AWS Cloud Watch**.

SKILLS

- Methodologies/Issue Tracking: **SDLC**, **Agile**
- Configuration Management Tools: **Ansible**
- Infrastructure as a code: **Terraform**
- Containers and Orchestration tools: **Docker**, **Kubernetes**
- Cloud Technologies: **AWS** (EC2, ELB, EKS, IAM, S3, CloudWatch), **Azure**
- CI-CD/Build Tools: **Bitbucket**, **Jenkins**
- Scripting Languages: **Python, Shell Scripting, Power Shell,Bash**
- Versions Control: **GIT**, **GitHub**, **Bitbucket, SVN**
- Operating System: **Linux (Ubuntu, CentOS) , Windows**

EDUCATION

Master of Science | Computer And Information Systems Security *01/2021*

University of The Cumberlands, Williamsburg, KY

- 3.8 GPA