

JESSICA CLAIRE

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SKILLS

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

EDUCATION

University of New Haven
West Haven, CT • 05/2020

Master of Science

Jawaharlal Nehru Technological
University
Hyderabad Hyderabad • 2017

Bachelor of Science

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.

WORK HISTORY

Womble Bond Dickinson - Devops Engineer
Greenville, SC • 10/2021 - Current

- 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.

Avantus - DevOps Engineer
Fort Eustis, VA • 07/2020 - 10/2021

- 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.

Cgi Group Inc. - AWS Cloud Engineer
Arlington, VA • 07/2017 - 08/2018

- 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
- Written Chef Cookbooks for various DB configurations to modularize and optimize end product configuration.
- 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.