# JESSICA CLAIRE

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## Professional Summary

Positioned to apply leading technology to address real business problems and collaborate globally to deliver high-quality, robust and scalable software systems while learning and growing as an individual. Over 6+ years of experience as DevOps/Cloud Engineer supporting core IT infrastructure

## Skills

- Strong experience in DevOps Automation with configuration tools such as Puppet, Ansible, and Chef.
- Containerization with Docker, Docker-swarm, Kubernetes.
- Continuous Integration and Continuous deployment with Jenkins, Terraform, GitHub, GitLab.
- Source Control Management tools for versioning include as GIT and SVN.
- Proficiency with Azure / AWS / GCP bare metal infrastructure management, optimization, production support and troubleshooting
- Advanced Linux administration skills
- Scripting using Python, Perl, or Bash
- Experience configuring monitoring and alerting systems

## Work History

**DevOps Engineer**, 03/2016 to Current
**Relx Group** – Portland, OR
- Develop and manage CI/CD process for different types of application and automate as many processes as possible
- Manage and support customer environments in Microsoft Azure cloud
- Consult customers on technical aspects of installation, sizing, scaling
- Support development teams in technical questions of continuous integration/continuous delivery, delivery organizations
- Manage the full release process
- strong experience in configuring, maintaining, and troubleshooting Microsoft based production systems
- Microsoft Azure Cloud:
o ARM templates writing, setup automation for resources provisioning (Azure PowerShell)
o Azure services (Azure App Service, Azure SQL, Azure Service Fabric, Azure Storage Account
o Understanding of load balancers, DNS, virtual networks and
o firewalls in cloud environment
o Setup monitoring (performance metrics, OMS)
- Azure Active Directory basics:
o Azure AD authentication
o Users and groups
o Roles
- CI/CD for .NET projects experience. Manage, develop, build CI/CD pipeline, including:
o Check code quality
o Unit, integration and functional tests implementation
o PowerShell scripting for custom tasks automation
o Environments strategy understanding
- Customer-oriented, diligent, proactive, focused on achieving customer's business objectives as top priority
- Able to work successfully both individually and as a team member
- Easy-going, friendly, communicative, positive in relations with colleagues, in every situation strives to see opportunities rather than problems

**AZURE DEVOPS ENGINEER**, 03/2013 to 03/2016
**Avanade** – Charlotte, NC
- Maintained Git workflows for Version control( Source Code Management )
- Developed and maintained automated CI/CD pipeline for code deployment using Jekins
- Provisioned servers and deployed features using puppet/chef/Ansible
- Built and deployed Docker containers for implementing microservices Architecture from monolithic architecture
- Orchestrated docker container cluster using kubernetes/Docker swarm
- Knowledge of Linux and scripting languages ( python/Ruby and Bash)
- Proficient with various development, testing and deployment tools ( Git, Jekins, Docker Kubernetes Puppet, chef, Ansible, Nagios)

**CLOUD ENGINEER**, 02/2012 to 03/2013
**Merck & Co., Inc.** – Belgrade, MT
- Build cloud native applications using cloud resources and deploy to Azure Web Apps on Windows, Linux and Containers
- Worked with Logic Apps, APIM, Azure Graph API, Azure Active Directory, WVD and other services to create unique solutions for clients
- Evaluate Ansible framework and tools to automate the Cloud deployment and operations
- Implemented a production ready, load balanced, highly available, fault tolerant Kubernetes infrastructure
- Created a private cloud using Kubernetes that supports DEV, TEST, and PROD environments
- Managed deployment automation using Terraform to system operations
- Integrate CI pipeline with configuration management tools for continuous deployment
- Built a new CI pipeline
- Testing and deployment automation with Docker, Jenkins
- Supporting software development and data management projects that prepare large datasets for delivery to a shared cloud computing and storage environment
- Provide strategies and requirements for the seamless migration of applications, web services, and data from local and server-based systems to Azure cloud
- The complete installation and hosting of cloud were automated with Azure cloud formation template and Ansible
- Version control through GIT
- Writing new plugins in Nagios to monitor resources
- Working in an implementation team to build and engineer servers on Ubuntu, Windows and CentOS
- Troubleshoot application deployments deployed on different cloud offerings; recreate customer issues, build proof of concept applications focused on improvements to build and deployment tools
- Developed hybrid cloud delivery model allowing for customers to choose the mix of public and private clouds
- IaC experience with Terraform and ARM templates/ Helm deployments and ability to work with YAML files for configuration
- Experience of working on Azure/on-premises AD, authentication, and authorization.

**LINUX ADMINISTRATOR**, 02/2011 to 01/2012
**General Dynamics** – Colorado Springs, CO
- Installation/configuration of RHEL 4/5/6 using kickstart Server and Windows OS
- Creation, Installation and administration of Red Hat Virtual machines in VMware
- Designed System Requirements, Storage requirements, Configuration Management/Change control/Release management
- User administration & quota management
- Log file was managed for troubleshooting and resolving errors
- Installation of patches and other software packages
- Wrote Shell scripts for automation of jobs, system monitoring and error reporting
- Performed the administration of the Domain Name Server and configuration of the Database Files
- Wrote bash shell scripts for getting information about various Linux servers
- Installed and Configured Send mail Utility on UNIX Servers
- Modified scripts using sh, ksh and bash for day-to- day administration
- Packages and integrating servers to Active Directory, etc
- Maintain puppet environment for automation across multiple servers
- Worked on setting up Veritas clustering
- Worked with Oracle DBA's for restore of Oracle Instance and Building Oracle RAC Cluster
- Worked on creating Virtual machines using VMware software
- Performed hardware, operating system, security and application updates/patches on these systems as well as operating system hardening based in industry standards
- Experienced working on Datacenter Migration Projects
- Worked with Enterprise Security Manager to get Security certification for servers before moving them in to production
- Responsible for Failover/Pre-Failback/Failback and verification of the same in case of outage in the high environment using VCS (Veritas Cluster Server)
- Working very closely with vendors (IBM/HP/Sun/EMC) in resolving any hardware/ Storage and Network issues
- Monitoring the system performance and doing the kernel tuning to enhance the system performance
- Troubleshooting Production Server Problems related to web applications, Sendmail, disk space, file system, DNS and network connectivity
- Experience with patching both manually and automated
- Provided 24/7 on-call support on a weekly basis.

## Education

**Bachelor of Science**: Computer Engineering, 05/2010
**University of Lagos** - Lagos

## Certifications

Azure Certified Solution Architect