

# JESSICA CLAIRE

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## Summary

As a highly skilled DevOps engineer with more than 3 years of experience, I am adept at architecting, automating, configuring, and optimizing critical mission deployments across large infrastructures. I am a dedicated team player with a proven track record of multitasking and successfully managing projects throughout the full software development lifecycle, from requirements analysis to deployment and implementation. My ability to organize, prioritize, and adapt to shifting priorities is complemented by my positive attitude and willingness to take on additional responsibilities to ensure the success of the team.

## Skills

- Cloud Technologies:
  - Amazon Web Service(AWS), Microsoft Azure Cloud
  - Scripting Languages: Bash, Groovy
  - Source code management tool: Git Distribution control system: GitHub Methodology: Agile.
  - Artifactory: Nexus.
  - Database:
- MySQL, DynamoDB Containerization/Orchestration Tools: Docker, Kubernetes CI/CD Tools: Jenkins.
- Operating System: Linux, Windows.
- Automation Tools: Maven, Ansible, Terraform, Kubernetes.
- Monitoring Tools: Prometheus, Grafana.
- Bug Tracking Tools: Jira.

## Experience

### DevOps Engineer, 05/2021 to Current

Palantir Technologies – Palo Alto, CA

- Partnered with 12+ agile team members to roll out micro service infrastructure development feature releases based on 85% of client requests.
- Designed and implemented Kubernetes-based infrastructure for microservices architecture to support the deployment of multiple applications.
- Worked with development teams to ensure that the infrastructure meets their needs and requirements.
- Set up and managed Prometheus and Grafana to monitor the health and performance of the Kubernetes cluster and applications, improving incident response time by 40%.
- Engineered continuous integration (CI) and continuous deployment (CD) with Jenkins and other tools to automate builds, tests, releases, and deployments in development, UAT, and production environments while maintaining security and DevOps best practices at all levels.
- Collaborated with teams for architectural designs, and infrastructure provisioning to create fault-tolerant, secured, and highly available cloud-based infrastructures on AWS.
- Implemented Docker-based infrastructure for the deployment of multiple applications, reducing deployment time by 50%.
- Developed and maintained CI/CD pipelines using Jenkins and GitHub for continuous integration and deployment of code to the Kubernetes cluster.
- Provisioned and maintained infrastructure as code using Terraform, improving the consistency and reliability of deployments and reducing human errors and reducing deployment time by 30%

### DevOps Engineer, 06/2019 to 03/2021

Palantir Technologies – New York, NY

- Designed, built, and maintained highly scalable and fault-tolerant multi-tier AWS infrastructure across multiple availability zones using Terraform, ensuring high availability and reliability of the system.
- Created and maintained a fully automated CI/CD pipeline for code deployment using Git, GitHub, Jenkins, Terraform, Maven, Ansible, Kubernetes, Docker, MySQL, Apache, streamlining the software development lifecycle and reducing time-to-market.
- Monitored Kubernetes resources using Prometheus and Grafana, creating dashboards for system performance, identifying issues, and ensuring timely resolution to prevent system downtime.
- Provisioned AWS services using AWS CLI/API, defining EC2, VPC, Auto-Scaling Policies/Groups, Security Groups, EKS, RDS, S3, ELB, IAM, Route53, and CloudWatch, ensuring that the AWS environment is secure, stable, and scalable.
- Built and managed Docker containers, including Dockerfile creation, image creation, and Docker networking, enabling rapid and consistent deployment of applications.
- Designed, built, and maintained a container orchestration framework based on Kubernetes clusters to allow flexible yet consistent infrastructure in the AWS environment, improving deployment speed, scalability, and reliability.
- Provided infrastructure, cloud, networking, and security support, ensuring that the AWS environment is optimized, secured, and well-maintained.

### Scrum Master, 01/2017 to 04/2019

New Balance – Saint Augustine, FL

- Led and coached the Product Owner to improve story writing, feature discovery, and requirements gathering process which led to an increase in customer satisfaction and a decrease in time-to-deliver by 30%
- Organized and improved agile practices and values which increased productivity and overall team satisfaction by an average of 8%
- Responsibilities:
  - Guided Agile principles and facilitation skills to ensure 2+ teams worked in an Agile mindset and utilized Scrum practices
  - Provided a vision and strategy for Agile practices and led the teams' efforts toward continuous improvement
  - Plan and implement Agile best practices to boost team productivity and remove Impediments to the team's ability to perform, using direct and influencing skill
  - Ensured that inter-team risks, impediments, and blockers were identified, communicated, and resolved.

### Linux System Administrator, 02/2013 to 08/2016

L3harris Technologies, Inc. – Waco, TX

- Maintained and monitored 10 Linux servers running on RHEL and CentOS
- Installed and configured software and applications as required by the users and clients
- Set up and maintained web servers using Apache, Nginx, and Tomcat
- Configured virtual hosting, SSL/TLS, and web server security
- Maintained network infrastructure, including TCP/IP, DNS, DHCP, NAT, firewalls, and routing
- Set up and managed VPNs for remote access
- Developed and maintained Bash scripts for automating routine tasks and improving operational efficiency
- Created Ansible playbooks for automating system configuration and management.

## Education and Training

B.Engr: Civil Engineering Technology, 01/2002

Enugu State University of Science And Technology - Enugu

## Certifications

2023-01 AWS Solution Architect 2022-07 Google Cloud Professional Cloud Architect, 2022-02 Certified Scrum Master (CSM), Scrum Alliance.