JESSICA CLAIRE

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SUMMARY

Dedicated DevOps Engineer with 3 years of technical experience, having potential on CI/CD pipelines, Linux system administration, and AWS infrastructure design. Consistently stay abreast of modern technological advancements to serve enterprise's needs. Self-motivated and goal-oriented with proven team communication skills, task organization, and prioritization to deliver outstanding results in every project. Seeking a challenging opportunity within a company for sustainable growth, and business continuity by implementing new and emerging technologies with next-generation tactics, through dedicated and efficient work abilities.

SKILLS

Version Control System (VCS) : Git, GitHub.
Containerization/Container Registry : Docker, Docker-Compose, Docker Hub
Artifactory : JFrog
Continuous Integration (CI) : Jenkins.
Continuous Deployment (CD) : ArgoCD.
Build Tool for Automation : Maven.
Artifactory/Package Manager : Helm for Kubernetes, Yum, Apt.
Infrastructure Monitoring : Datadog.
Infrastructure As Code (IaC) : Terraform.
Configuration Management : Ansible.
Container Orchestration : Kubernetes.
Multi-Cluster Management : Rancher.

Web Servers for Deployment : Apache, Nginx, Tomcat.
Ticket/Bug Tracking and Documentation : Jira, Confluence.
SDLC : Agile, Scrum.
Continuous Inspection of Code Quality : SonarQube.
Linux Distributions : CentOS, RHEL, Debian and Ubuntu.
Scripting Languages : Bash Shell, Groovy, YAML.
SSL certificates management : OpenSSL, Keystore, ...
Amazon Web Services (AWS) : VPC, EC2, S3, IAM, EKS, ECS, RDS, ELB, EBS, Autoscaling, CloudWatch, Lambda, CloudFormation, Autoscaling, ...
Networking/Protocols : TCP/IP, SCP, SSH, DNS, HTTPS, VPN
Databases : MySQL, DynamoDB, Postgres, Redis, PgAdmin.
Communication Tools : Slack, Microsoft Teams.
Password Security/Secret Management : Base64, Sealed Secret, AWS Parameter store, AWS Sys. Mgr

EXPERIENCE

03/2021 to Current **DevOps Engineer**
Palantir Technologies – Charlotte, NC

- Maintaining constant communication with developers, and testing teams to understand their needs, participating in supplying and maintaining fully automated CI/CD pipelines using integrated tools like **Git, Jenkins, Maven, Docker, Kubernetes, Argo CD, Helm, Datadog, SonarQube, …**
- Troubleshoot emergent issues encountered on **CI/CD pipelines** to ensure product delivery on time. Participate in troubleshooting meetings and brainstorm with technical working groups to solve low-urgency and production-related issues.
- Invoke **Maven** and **SonarQube** on CI/CD pipelines using on-demand containers managed by the Docker agent. Good understanding of Maven build life cycle, and Maven's main configuration file POM.XML
- Enable Jenkins to **pull the source code from GitHub automatically** when there is a new commit. Use Maven and other automation tools to **compile, test, review, package** the source code and store artifacts into JFrog Artifactory or AWS S3 bucket.
- Maintaining and improving **Terraform modules** and deploying those modules using **Terragrunt.**
- Develop **standard operating procedures (SOP)** around common CI/CD failure scenarios.
- Automate Jenkins to send all build related messages to the appropriate **Slack Channel.**
- Complete 100% with my team, the **migration** of a **client on-premises-based** application to AWS/GCP Cloud services to cut down the client-related bill due to the maintenance of the on-premises infrastructure.
- Experience in designing comprehensive **Cloud Computing solutions** on the AWS platform using EC2 (EC2 instances, ELB, EBS, Autoscaling, Target group, AMI...), S3, IAM, VPC, RDS, Route 53, …
- Experience in managing **Ansible Playbooks** with **Ansible roles** and creating **Ansible inventory file** to automate the continuous deployment.
- Use of Kubernetes to orchestrate the deployment, scaling and management of Docker containers.
- Automate deployments of Helm charts into the K8s clusters with **ArgoCD** using AutoSync option.
- Troubleshoot pod misbehavior in **Kubernetes,** manage and maintain all clusters accesses and roles.
- Using **Datadog** to monitor all clusters and push notifications to **Opsgenie** for on-call rotation.
- Experience in managing SSL certificates in JKS, PKCS12, PEM, and PFX formats using OpenSSL, Keystore, …
- Extensively working with Docker images like creating images from **Dockerfiles** and containers. Create Docker volumes to provide high availability of data even if Docker container goes down.
- Knowledge of **Agile methodology** for project management and product continuous delivery.
- Commitment, results-oriented, zeal to adapt to new technologies and undertake challenging tasks.
- Effective communication skills, ability to interact with stakeholders and clients.

02/2020 to 03/2021 **Linux System Administrator**
L3harris – Clifton, NJ

- Proven experience installing and maintaining **Linux servers (CentOS, Ubuntu, Debian)** and software installation. Managed Linux systems' processes and task scheduling with the **Linux Cron utility.**
- Monitored and **troubleshot server issues/warnings/alerts/logs** and performed **server health checks.**
- Performed data backups and disaster recovery operations on Linux servers for **business continuity.**
- Compiled and debugged Bash Shell scripts daily to automate tasks such as server configuration, and Linux servers' inventory (CPU, hard drive, kernel, ...), … resulting in **increased productivity and efficiency.**
- **Performed patch, update, security scanning**, and configuration to meet OS performance mandates/ up-to-date standards with the latest releases.
- **Oversaw Linux system administration and configuration maintenance** governing user/group authentication, access management, permission attribution, file/directory security, privacy and data integrity.

07/2017 to 01/2020 **Warehouse Automation Engineer**
Hni – Powder Springs, GA

- Involved in managing projects related to the **design and performance improvement of automated warehouse processes and equipment** such as autonomous guided vehicles, carts, racks, and location-tracking devices.
- **Delivered troubleshooting support** for the maintenance team. **Developed and improved SOPs** related to all automated equipment in the warehouse. Identified quality issues on equipment and wrote reports.
- Collaborated to implement database connectivity of IOT devices with **SAP and MES for real-time process monitoring** by using digitalization.
- **Designed and programmed a controller** and established communication between the sensors (inputs), actuators (outputs), and controller.
- **Programmed, troubleshot, and repaired/improved robotics and other automated equipment** such as electric motors, starters, valves, and sensors to maximize production efficiency.

12/2014 to 04/2017 **Mechatronics Engineer**
ORANGE CAMEROON – City, STATE

- **Designed, developed, and implemented control circuits/algorithms** for electromechanical systems and mechatronic devices by using sensors, gears, solenoids, springs.
- Monitored, calibrated automated systems, and industrial control systems to **maximize production efficiency.** Contributed to the analysis of existing manufacturing procedures to **suggest improvements.**
- Engineered detailed, comprehensive and well-structured test plans and test cases to **identify and correct system errors in electronic parts** and systems.

EDUCATION AND TRAINING

11/2013 **Master of Science: Mechatronics Engineering**
University of Yaounde I - Yaounde

06/2010 **Bachelor of Science: Physics and Chemistry**
Le Mans University - Le Mans