

DUBOIS JOU

DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

Results-driven DevOps Engineer with over 6 years of hands-on experience in streamlining development processes, enhancing system reliability, and optimizing overall efficiency. Adept at implementing and managing end-to-end continuous integration and continuous delivery (CI/CD) pipelines, automating manual processes, and ensuring seamless collaboration between development and operations teams. Possesses expertise in configuration management, containerization, and orchestration tools such as Docker and Kubernetes. Demonstrated proficiency in cloud platforms, particularly AWS and Azure, with a focus on designing scalable and secure infrastructure. Strong troubleshooting and problem-solving abilities, coupled with excellent communication skills to facilitate cross-functional collaboration. Committed to staying current with industry trends and emerging technologies, consistently delivering innovative solutions to drive business success.

SKILLS

- VCS/VCS hosting: Git/ GitHub, GitLab
- Database: MySQL ,Postgres
- Scripting: Shell, python ,PowerShell
- Build Tools: Maven, NPM, PIP, Dotnet
- Continuous Delivery Tools: Argo CD
- CI/CD Tools: Jenkins, Github Actions, Azure Devops
- Cloud Provider: AWS,Azure
- Infrastructure as a code: Terraform, Ansible
- Artifactory Repository: Nexus, JFROG,Xray, Azure Artifact
- Security Tools: Sonarqube, Trivy, OWASP Zap
- Container Orchestration: kubernetes, AKS ,EKS
- Container Tools: Docker
- Monitoring Tools:Grafana, Prometheus, Nagios, Datadog

EXPERIENCE

INFOSYS (*Devops Engineer*) , Richardson, TX

2019-present

- Review and recommend solutions and tools to improve the software development process.
- Managed CI/CD pipeline to streamline application deployment using **Git**, **Jenkins**, **SonarQube**, **Datadog**, **Opsgenie**, **Kubernetes**, **Helm**, **Maven**, **Slack**, **Argo CD**, and **Docker**.
- Experience working in **Rancher** platform (the leading enterprise solution for deploying and managing kubernetes clusters). Utilized kubernetes to provide a platform for automating deployments, scaling and operation of application containers across a cluster of hosts.
- Collaborating with other DevOps Engineers to maintain and manage strategies for optimizing all aspects of the continuous integration, release and deployment process using container and virtualization techniques such as **Docker** and **kubernetes**.
- Expertise in AWS Resources like **EC2**, **S3**, **EBS**, **VPC**, **ELB**, **AMI**, **IAM**, **ECS/EKS** , **RDS**, **Route 53**, **Auto Scaling**, **Cloud Formation**, **Cloud watch**, **Security Groups**, **AWS Lambda**, **EventBridge**,**API Gateway**, **Cloud Front**.
- Using **Jenkins** as continuous integration tool creating new jobs, managing required plug-ins , configuring the jobs selecting required source code management tool, build trigger, build system and post build actions, scheduled automatic builds , notifying the build reports etc.
- Improved speed, efficiency and scalability of the continuous integration environment , automating wherever possible using **python**, **shell** and **PowerShell** Scripts.
- Used **Ansible** for configuration management spanning several environments in **AWS** cloud. Created **Ansible Playbooks** to provision **Apache** Web servers, **Tomcat** servers, **Nginx** , Apache Spark and others applications.
- Was a part of the team that performed operations on banner that has been deployed on amazon **EKS** and created build and deploy pipelines using **ARGO CD**.
- Implemented Azure Devops services for project management tasks, source code repository, continuous integration and deployment.

MRC GLOBAL (Devops Engineer) Houston, TX2017-2019

- Utilized Azure devops for project management , version control and pipelines.
- Created troubleshooting plan/documentations to aid in future tasks executions and issues resolution.
- Configuration of Github Action self-hosted runners , Super linters on GNU/Linux , Ubuntu environments .
- Enhanced infrastructure and application deployment/management by developing and maintaining automation scripts and tools.
- Collaborate with Salesforce teams to integrate deployment processes into GitHub Actions workflows, ensuring seamless customization, and troubleshooting deployment issues.
- Worked with JIRA as defect tracking system and configure various workflows, customizations and plug-ins for jira bug/issue tracker and depended on confluence for documenting about the progress of Projects and Sprints.
- Leverage GitHub Actions in conjunction with MuleSoft, JFrog, Maven, and CloudHub to orchestrate and enhance end-to-end development workflows, ensuring seamless integration, collaboration, and troubleshooting within the integrated toolchain.
- Configured network and server monitoring using Grafana, prometheus , ELK stack and Nagios for notifications.

Caterpillar inc (Linux System Administrator) Montreal, CA2015-2017

- Creating, maintaining, and debugging scripts in BASH
- Handled files transfer between system using SCP protocols.
- Used crontab to schedule regularand periodic system tasks.
- Performed system installation, hardening, tuning of RHEL 6&7.
- Utilized bash shell scriptingto automate tasks and optimize productivity.
- Managed users/groups creation, files security permission and access management.
- Performed installation, configuration, monitoring and troubleshooting of LAMP servers.

EDUCATION

Master’s degree in Computer Science2002-2007University of Yaoundé – Yaoundé, CM

CERTIFICATIONS

AWS Certified Cloud Practitioner2022Certified Entry-Level Python Programmer2023Certified Kubernetes Administrator2023