Christian Onyeukwu

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LinkedIn

Professional Summary

DevOps Engineer with over 6 years of experience in software engineering, cloud infrastructure, and CI/CD automation. Proven track record in leading mission-critical deployments using Docker, Kubernetes, Jenkins, and Ansible. Adept in building robust pipelines and improving system uptime and release cycles. Seeking remote opportunities in dynamic teams across Canada.

Technical Skills

- **Languages:** Java, JavaScript, Python, SQL

- **Frameworks:** Spring Boot, ReactJS, Node.js

- **DevOps Tools:** Docker, Kubernetes, Jenkins, Ansible, Git, Shell

- **Cloud/OS:** AWS, Linux, CI/CD pipelines

- **Architecture:** Microservices, REST APIs, Agile/Scrum, TDD

Professional Experience

ECR Technology Services (UK Office) — DevOps Engineer (Remote from Canada)   *Jan 2022 – Present*

- Automated the deployment of microservices by designing Jenkins pipelines integrated with Docker and Kubernetes on AWS, replacing error-prone manual processes.

- Reduced deployment errors by 80% and decreased release time from 3 hours to 25 minutes, significantly improving operational efficiency.

- Built a scalable infrastructure monitoring and alerting solution using Prometheus, Grafana, and Node Exporter, integrated with Slack for real-time alerts.

- Enhanced system uptime to 98% and reduced incident response time by 40% through improved observability and alert handling.

ECR Technology Services (Nigeria Office) — Software Engineer (On-site)   *Aug 2016 – Jan 2022*

- Migrated legacy monolithic systems to modern, cloud-native microservices using Docker, Spring Boot, and Kubernetes, reducing downtime by 40% and improving scalability.

- Engineered and deployed high-performance RESTful APIs in Spring Boot and Node.js to support over 15,000 users, ensuring seamless scaling and high availability.

- Led the development of QikPharma, a secure prescription management platform with real-time feedback loops and role-based access control, improving user trust and workflow efficiency.

- Automated CI/CD pipelines with Jenkins and container orchestration, enhancing deployment reliability and reducing manual efforts by 70%.

- Implemented monitoring and incident resolution protocols, achieving 90% SLA compliance and increasing client satisfaction by 35%.

Education

Bishop's University, Sherbrooke, QC, Canada
Master of Science in Computer Science, Graduated Dec 2024
Thesis: Algebraic/Logical Verification for Real-Time Reactive Systems

Edureka/Purdue University USA
Post Graduate Program in DevOps, Completed May 2024, Online

Michael Okpara University of Agriculture, Umudike,Nigeria
Bachelor of Science in Computer Science, Graduated Oct, 2014

Certifications

Oracle Certified Associate (OCA) – Java SE Programmer, March 2016

Publications

[1] C. Nworu, E. Ekpenyong, J. Chisimkwuo, C. Onyeukwu, G. Okwara, O. Agwu. *The effects of modified ReLU activation functions in image classification.* Journal of Biomedical Engineering and Medical Devices, 2022.

[2] C. Onyeukwu, S. Bruda. *Algebraic/Logical Verification for Real-Time Reactive Systems.* MSc Thesis, Bishop's University, 2024.