ELIJAH ONCHWARI

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TECHNICAL SKILLS

Back End| TypeScript, PHP, Nest.js, Microservices, Kafka, C#/.Net
DevOps| CI/CD, Docker, Jenkins, Azure, Kubernetes, ArgoCD, Prometheus, Ansible, Linux, Terraform, AWS, GCP, Openshift
Databases| PostgreSQL, Redis, SQL

WORK HISTORY

BET Software - DBN, SA | DevOps Engineer II   March 2023 - Present

Diverse betting software provider in Sub-Saharan Africa   Openshift | ArgoCD | Docker | Kubernetes | bash

- Designing and implementing cross-cloud CI/CD pipelines (Azure to AWS) using [Azure CI/CD Tool] and Argo CD to streamline deployment for the Onwpay team. Automating infrastructure provisioning with Terraform.
- Designed and implemented CI/CD pipelines for Payment Portal v3 using Azure DevOps, streamlining deployment processes and automating.
- Collaborating with cross-functional teams to visualize end-to-end software flow, promoting a better understanding of CI/CD processes and value delivery to customers
- Demonstrating expertise in containerization, virtualization, and emerging technologies like microservices, contributing to optimal runtime environments.
- Displaying adaptability, resilience, and open-mindedness in the face of change, maintaining a positive attitude throughout

Orteo Payments Systems - Kigali, RW | Software & DevOps Engineer   May 2022 - December 2022

cloud-based SaaS workflow automation and approval management platform   Nest.js | PostgreSQL | Docker | Cloud Run

- Led the implemention of a highly available email/ sms notification microservice to ensure an almost real-time delivery of critical emails like one time pin
- Collaborated with the bank's compliance team to ensure that all security measures met their regulatory requirements,resulting in a successful compliance audit.
- Implemented admin dashboard for onboarding companies to the system, resulting in a 50% decrease in onboardingtime.
- To achieve better scaling and reliability, I upgraded the company's main apps packages to the latest versions.
- Successfully dockerized all company applications and migrated them to Google Cloud Run, resulting in a 50% reduction in deployment times and a 25% decrease in overall infrastructure costs.

Conspire Agency - California, US | Backend & DevOps Engineer   Jan 2022 - April 2022

Custom Shopify embedded apps   TypeScript | React | PostgreSQL | Heroku

- implemented various features and functionality using Polaris in a custom Shopify embedded app, including a complex
- menu builder which eliminated the need for manual menu updates and reduced errors in orders.
- Refactored the existing codebase, leading to a 50% reduction in bugs and errors.
- Set up development, staging, and production environments in Heroku to allow for efficient testing and debugging of new features, resulting in a 30% reduction in development time.

Libryo Ltd - London, UK | Fullstack Developer   Feb 2021 - Oct 2021

Regulatory Compliance Management Software   Laravel | Vue.js | MySQL | TypeScript

- Integrating with third-party services and external APIs as a part of implementation of the Accounting Integrations Feature resulting 15% increase in customer acquisition.
- Participating in peer code reviews for the core backend RESTful API microservice ensuring compliancy with the company coding standards
- roubleshooted & resolved bug fixes for the backend RESTful API resulting in system performance and scalability improvements
- Improving security for all company servers, increasing data integrity and Indemnity by 16%

Quantum Fig Ltd - Nairobi, KE | Junior Software engineer   **March 2019 - Oct 2021**

Petty Cash management system   Nest.js | RESTful API | Redis | GCP

- Collaborated with cross-functional teams to design and implement new features and enhancements to the Core platform, including a streamlined expense reporting system and an automated approval process
- Worked closely with the product team to understand user needs and translate them into technical solutions.
- Implemented an integration between QuickBooks Online and our core web app, resulting in a 25% increase in sales and a 20% increase in customer satisfaction.
- Implemented a site-to-site VPN connections with several banks, ensuring reliable and secure data transfer and meeting compliance requirements.
- Created a (CICD) pipeline for our apps using Azure DevOps, resulting in a 30% increase in deployment speed.

EDUCATION

University of Eastern Africa Baraton - BSc Software Engineering, Eldoret-Kenya   2012-2018
Udemy - The Complete Junior to Senior Web Developer Roadmap

ADDITIONAL INFORMATION

Interests - Sport (basketball), music (guitar, vocals), Travelling
Languages - English , kiswahili