ERIC LLOYD OCHIENG

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PROFILE

I am a resilient Full Stack Web Developer drawn to the overlap between code and design. With a background in Computer Science and a flair for tinkering, I seek to create, innovate and inspire.

SKILLS

- Front-end web development using JavaScript, ReactJS
- Back-end web development using NodeJS /Express, Golang/Fiber, MongoDB,
- Working knowledge of C++, Python, Java programming languages
- Design and wireframing using Figma
- Web content management using Wordpress
- Agile, SCRUM, CI/CD
- Experience with linux systems
- Experience deploying containerized apps using docker

EDUCATION

United States International University

Bachelor of Science in Applied Computer Technology (May. 2012 to Sept 2017)

Attained a B.Sc. degree in Applied Computer Technology concentrating in Information Security and Computer Forensics

EMPLOYMENT HISTORY

Web Developer - Ekraal Innovation Hub

May 2018 - Present

Accomplishments
- developed a full-stack application allowing field officers to explore, collect, store and share critical business data
- built and deployed a web interface for a system administration application which was used to manage the organization's computing infrastructure and simplify common system admin tasks.
- setting up, configuring and managing servers in a distributed and highly available critical infrastructure in addition to writing documentation, specifying servers for clients, information security policy development and 2nd line support for clients
- developed a microservice architecture supporting more than 8 products
- designed and implemented an API that handled 10,000+ simultaneous requests, an increase of 200% over previous implementations
- developed and automated standard operating procedures for common failure scenarios
- continuous integration & delivery, bringing automated infrastructure tools to clients and setting guidelines and standards
- monitor, analyze and report performance statistics for cloud hosted environments
- helped customize and deploy a Human Resource Management System based on the Sentrifugo Opensource HRMS
- Conducted a 3-day Back-end development seminar and trained a cohort of 40 university graduates

Key Technologies used
- ReactJS + Redux
- NodeJS/Express Framework
- MQTT
- MongoDB
- Docker
- NGINX

Intern - Ekraal Innovation Hub

November 2016 - May 2017
- Assisted the development team in setting up development and deployment environments
- Designed UI/UX mockups for various software products

REFEREE

Martin Mwanzia

Information Security Officer - Diamond Trust Bank

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