

ODHIAMBO CHURCHILL ONYANGO

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## Professional Summary

Skilled programmer with extensive experience in Python, C++, C, Kotlin, and web development. Proficient in both frontend and backend development, with a strong grasp of Django framework and web technologies. Basic knowledge of Arduino programming. Adept at problem-solving, optimizing code, and delivering high-quality software solutions.

## Technical Skills

**Programming Languages:** Python, C++, C, Kotlin

**Web Development:** HTML, CSS, JavaScript, React, Angular

**Backend Development:** Django, Flask, Node.js

**Database Management:** SQL, NoSQL

**Version Control:** Git, GitHub

**Tools & Technologies:** Docker, RESTful APIs, GraphQL, NMAP, Metasploit, BurpSuit, WireShark

**Basic Knowledge:** Arduino Programming

## Professional Experience

### Software Developer

BlackCodeLabs — Migori, Kenya

**January - 2020 – December - 2020**

- Developed and maintained web applications using Django, enhancing user experience and performance.
- Created RESTful APIs and integrated third-party services.
- Implemented frontend features using HTML, CSS, and JavaScript frameworks such as React.

- Collaborated with cross-functional teams to design, develop, and deploy software solutions.
- Optimized existing codebases, improving application speed and reliability.

## **ICT Support and Networking**

**KPLC** — Nairobi, Kenya

**September 2023 – November 2023**

- Learnt about Networking, Packet Tracing, Cabinets, Routers, Hub, Switches and the OSI Model layer
- Learnt How to troubleshoot computers, printers, keyboards, Mouse, and other Hardware stuff
- Learnt how to salvage a CPU incase of any Hardware related error or breakdowns, hence data recovery
- Learnt how to install operating systems into a machine and how to configure the related settings for the machine to work perfectly

## **Education**

### **Diploma in ICT**

Nairobi Technical Training Institute — Nairobi, Kenya

**September-2022 - Today**

Relevant coursework: Data Structures, Algorithms, Web Development, Software Engineering

## **Projects**

### **School Portal**

Description: Developed a web application using Django and React. Implemented user authentication, data visualization, and integrated payment processing.

### **Shop Management System**

Description: Created a C++ application for real-time data processing. Optimized algorithms for performance improvements.

### **Robotics using Raspberry Pi**

Description: Built a basic Raspberry-based IOT device for environmental monitoring. Programmed sensor integration and data logging.

## **Certifications**

**Django for Everybody Specialization** — Coursera

**Full Stack Web Development** — Udacity

### **Additional Skills**

- **Problem Solving:** Strong analytical and problem-solving skills.
- **Communication:** Effective communicator with experience in team collaboration and client interaction
- **Adaptability:** Quick to learn new technologies and methodologies.

### **References**

Available upon request.