ODHIAMBO CHURCHILL ONYANGO

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[MyWebsite](https://churchillk.github.io/MyCV/), [GitHub](https://github.com/Churchillk)

**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, GraphQ,L 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.