
DONALD PARMINTER LOKONG

Nairobi, Kenya • +254 719 762 808 • donald.lokong@strathmore.edu

github.com/stefanthedon • stefanthedon.github.io

Software Developer

About

My name is Donald and I am Software Developer based in Nairobi. I am passionate about software development and application security. I have an extensive knowledge various programming languages, engaged in significant software development projects and can demonstrate understanding of modern design patterns and frameworks.

Projects

September 2019 -
Current

Thamani Media Podcasting Web Application

[Thamani Media](#)

A sleekly designed Podcasting network with the following features:

- Enables users to upload podcasts to their feeds
- Enables users to create a network of listeners around their podcasts in an interactive way
- Integrates secure payment systems in form of donations and patroning

July 2019 - Current

Alwafi POS and Warehouse Management System

[Alwafi East Africa Limited](#)

A fully responsive Point of Sale system made with PHP Codeigniter with the following features:

- Make sales, print receipts and invoices and balances the books
- Manages the supply chain with accountability at each stage
- Provides in-depth statistics and reports on every aspect of the business
- Integrates data analysis seamlessly and can be able to predict business patterns according to the data collected

July 2019 -
September 2019

Kumbu Kumbu Sacco Website

[Kumbu Kumbu Sacco](#)

A Sacco website that enables them to get closer to their clientele. The website both serves as the online portfolio of the company while still offering lending services to their members

May 2019 - August 2019

Hope Media Kenya

[Christ Is The Answer Ministries](#)

A christian ministry supported FM station's website. It enables listeners to be able to enjoy these services:

- Listen to online radio live and watch Hope TV live on the website
- View program scheduling and be able to plan accordingly
- Interact online on various topics being discussed on radio
- Support the radio network by donations using the GIVE payment system

October 2018 -
February 2019

CITAM

[Christ Is The Answer Ministry](#)

A christian ministry website that enables the ministry to be able to reach their congregation worldwide. Some features include:

- Event scheduling
- Online sermons
- Donations in form of GIVE payment system

June 2018 -
October 2018

Achelis Kenya Web App

Achelis Kenya Limited

This is back-end heavy a service web based application that is still in development for my client, Achelis Kenya Limited. It allows the company's clients to be able to use services like:

- Book heavy machinery equipment for a certain period
- Rent equipment
- Be able to shop for spare parts and buy them
- Receive real time messaging from the company

March 2018 - April 2018 My Safaricom App Improvement (UI/UX)

Safaricom LTD

An improvement of the Safaricom Application UI/UX design during a Safaricom Hackathon

- Seamless design screens
- Flow diagrams and data diagrams
- Elaborate wire-frames

February 2018 - Present Invoice Generator (React)

Personal Project

An Invoice Generating Application built with React.js with the following features

- Add and delete jobs
- Print invoices
- Generates a downloadable PDF invoice

Januray 2018 - Present Appointment Management System (Web App)

Personal Project

An elaborate Appointment Management System with these features

- Seamless invoicing and payment system
- Event scheduling

June 2017 -
September 2017

Nyumbani Taxi Official Website (Online)

Nyumbani Taxi LTD

A taxi hailing company's official website

- Responsive design
- Customer interaction, signup and feedback
- Fare estimation system (ongoing)

May 2016 - July 2016

Hotel Management System (Java)

Personal Project

Java Based Hotel Management System that demonstrates use of servlets

- Room booking
- Food timetable scheduling
- Online payment

February 2015 -
April 2015

Event Management System (Java)

Personal Project

Java Based Event Management System

- Event booking
- Event Reservation
- Online payment system

Work Experience

October 2018 -
June 2020

Software Developer

Intrepid Data Systems

- Write, update, and maintain computer programs to handle specific jobs as shall be described in the software specification/ requirements document.
- Conduct trial runs of programs and software applications to be sure they will produce the desired information and that the instructions are correct.
- Modify software programs to improve performance.
- Write, analyze, review, and rewrite programs, using workflow chart and diagram, and applying knowledge of computer capabilities, subject matter, and symbolic logic.
- Perform or direct revision, repair, or expansion of existing programs to increase operating efficiency or adapt to new requirements.
- Consult with managerial and technical personnel to clarify program intent, identify problems, and suggest changes.
- Collaborate with other staff member to resolve information technology issues.
- Perform systems analysis and programming tasks to maintain and control the use of computer systems software as a systems programmer.
- Compile and write documentation of program development and subsequent revisions, inserting comments in the coded instructions so others can understand the program.
- Prepare detailed workflow charts and diagrams that describe input, output, and logical operation, and convert them into a series of instructions coded in a computer language.

February 2016 -
February 2018

Software Developer

Nyumbani Taxi LTD

Overseeing a client based system that manages user usage and logs them in a cloud server.

- Monitor the system daily and respond to security and usability concerns.
- Manage configuration and operation of new systems.
- Provide technical support for both hardware and software queries encountered by users.
- Review application logs.
- Upgrade systems and processes to enhance functionality and fix security issues.

2013 - 2015

IT Support

Tarime Suppliers LTD

In the front-line dealing with employees or customers with technical issues whilst being able to maintain local based systems.

- Installing and configuring computer systems.
- Diagnosing and solving hardware/software faults.
- Logging customer/employee queries.
- Maintaining website.

2012 - 2013

Network Administrator

Spreenet Cyber Services

In charge of a medium sized networking environment with real-time traffic.

- Oversaw the design and implementation of computer networks based on the needs and available resources.
- Facilitated network stability and connectivity.
- Improved problem solving and troubleshooting skills by working on a network setup of this scale.
- Improved on security techniques that would never have been gained in school.
- Interacted with different kinds of clients that aided in improved people skills.
- Manage configuration and operation of new client-based computer operating systems.

Education

2006 - 2010	High School Diploma <i>Mangu High School</i> B+ Mean Grade Captain Basket Ball Team
2010 - 2013	Networking <i>Computer Pride Center</i> <ul style="list-style-type: none">• CCENT• CCNA - Routing And Switching• Understanding Cisco Cybersecurity Fundamentals (SECFND)• Implementing Cisco Cybersecurity Operations (SECOPS)
2016 - Present	BSc. Bachelor in Business Information Technology <i>Strathmore University</i> Dean's Honors List

Skills

Full Stack Development

React.js, JavaScript, MongoDB, Mongoose, Express.js, MySQL, PostgreSQL, PHP (Codeigniter & Laravel), Web Server (nginx, Apache), Git, UI/UX

Programming Languages

JavaScript, C++, Java Python, HTML CSS, PHP, NodeJS, ReactJS, React Native

Network Management

Network Maintenance, Network Security, Network Troubleshooting

Applications

Microsoft Office Suite, Wireshark, Metasploit, Adobe Photoshop, Sketch, Adobe Illustrator, Adobe Photoshop,

Hardware Systems

Multiplexers, PC/Server, Admin, Routers, Switches, IP Telephony, Mac, Windows, Linux Systems

Graphics Design

Can demonstrate the ability to use various graphics design tools to come up with modern, high quality designs for various needs

References

+254 721 788757	Steve Kayugira <i>Strathmore University</i> Data Scientist and Research
+254 738 448480	Preet Anil Taylor <i>Nyumbani Taxi LTD</i> CEO Nyumbani Taxi LTD
+254 722 705138	James Mwangi <i>Intrepid Data Systems</i> Senior Software Developer