DONALD PARMINTER LOKONG

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

github.com/stefanthedon · stefanthedon.github.io

Software Developer

About

Experienced Software Developer adept in bringing forth expertise in software systems design, installation, testing, and maintenance. Proficient in various platforms, languages, and embedded systems. Experienced with the latest cutting-edge development tools and procedures. Able to effectively self-manage during independent projects and collaborate as part of a productive team.

Projects

January 2022 - February 2023

Webship Point of Sale (POS)
Webship Technologies

Lead software engineer in a project where I had the following responsibilities:

- Develop, design, and maintain the point-of-sale (POS) software for Webship's customers.
- Collaborate with product managers, designers, and other engineers to create and implement new features and improvements to the POS system.
- Conduct research and stay up-to-date with the latest technologies and trends related to POS systems and related technologies.
- Write clean, maintainable, and testable code that meets industry standards and best practices.
- Troubleshoot and debug issues reported by customers or identified during testing.

November 2022 - Present

WRADA Website
Women in Response to HIV/AIDS & Drug Addiction (WRADA)

- Collaborating with clients to understand their software requirements and provide tailored solutions to meet their needs.
- Developing software solutions using a range of programming languages and frameworks, including Java, Python, and Node.js.
- Integrating software systems to improve data flow and streamline business processes.
- Conducting code reviews and implementing best practices to ensure the delivery of high-quality software solutions.
- Providing ongoing support and maintenance to clients to ensure the optimal performance of their software systems.

January 2020 - January 2021

ATUDIS Kenya Website
ATUSID Kenya

A sleekly designed website for an NGO dealing with the less fortunate in Turkana.

Included the following features:

- Modern UI/UX for ease of use
- Donations and payment integration options
- Events and volunteering

July 2019 - September 2019

KumbuKumbu SACCO Website
KumbuKumbu 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. Responsibilities include:

- Analyze SACCO requirements and plan website development process.
- Design user-friendly and visually appealing interfaces for various devices.
- Develop server-side logic and application functionality for member services.
- Create and manage databases to store and secure member information.
- Integrate third-party services and implement security measures for data protection.

May 2019 - August 2019	### Hope Media Kenya
	Christ Is The Answer Ministries
	A Christian ministry supported the 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

May 2019 - August 2019

Hope Media Kenya

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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 the form of a 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

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)

Work Experience

November 2022 - Present

Website Development Consultancy

Women in Response to HIV/AIDS and Drug Addiction (WRADA)

As a website development consultant at WRADA, I work with clients to identify their software needs and provide customized solutions to improve their business processes. My responsibilities include:

- Developed a mobile version of the website that improved usability on mobile devices
- Utilized web technologies to create dynamic content that increased user engagement and satisfaction
- Created automated testing scripts that ensured website functionality across multiple browsers and devices
- Created a secure payment gateway that enabled customers to make payments directly from the website
- Developed an API that integrated the website with a third-party eCommerce platform, allowing for seamless order processing
- Upgrade systems and processes to enhance functionality and fix security issues

October 2018 - June 2020

Software Developer

Intrepid Data Systems

- Implemented automated monitoring and alerting to quickly identify and resolve system issues
- Developed an API that automated data collection and analysis, increasing productivity
- Created a Continuous Integration/Continuous Deployment (CI/CD) pipeline that reduced time-to-deployment duration
- Created a custom logging system to capture and store system data for debugging and analytics
- Developed a data warehouse that improved data access and analysis

February 2016 - February 2018

Software Developer

Nyumbani Taxi Limited

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 security techniques that would never have been gained in school.
- Manage configuration and operation of new client-based computer operating systems.

Core Qualifications

- Extensive application experience with electrical system design and IEEE Designation Codes
- Excellent knowledge of CAD and AutoCAD software
- High familiarity with high-voltage equipment
- Exceptional mathematical and communication skills
- Strong ability to craft cable schedules wiring diagrams and line diagrams
- Great attention to detail

Education

2016 - Present

BSc. Bachelor in Business Information Technology
Strathmore University

Dean's Honors List

2010 - 2013

Networking
Computer Pride Center

- CCENT
- CCNA - Routing And Switching
- Understanding Cisco Cybersecurity Fundamentals (SECFND)
- Implementing Cisco Cybersecurity Operations (SECOPS)

2006 - 2010

High School Diploma
Mangu High School

B+ Mean Grade

Captain Basket Ball Team

Skills

Full Stack Development

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

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

Electrical Design

CAD, AutoCAD, EdrawMax, ETAP, SmartDraw

Programming Languages

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

Network Management

Network Maintenance, Network Security, Network Troubleshooting

References

+254 721 788757   Steve Kayugira
Strathmore University
Data Scientist and Research

+254 738 448480   Preet Anil Taylor
Nyumbani Taxi LTD
CEO Nyumbani Taxi LTD

+254 722 672703   Rita Gatonye
Women in Response to HIV/AIDS & Drug Addiction
CEO WRADA