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 Engineer 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

June 2018 - Present	**Achelis Services**

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

November 2017 - Present	**Wish Foundation Website (Ongoing)**

Walk In Their Shoes Foundation

A charity organization website with the following features
- Portifolio and pictorial view
- Event scheduler and viewer
- Donation system integrated with Paypal

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)

March 2017 - May 2017	FKF (Official Site)

Football Kenya Federation

Football Kenya Federation official website
- League standings widget that automatically calculates standing according to scores
- An elaborate news service complete with social media interaction
- All leagues intergration in all men and women categories

Januray 2017 - Present	ReenInTheCity (Wordpress Blog)

Doreen Kinyanjui (Fashion Model)

A personal fashion blog that enables posting of photos and articles in a chronological view

2016 - Present	Portifolio Website (Online)

Donald Parminter Lokong

Fully responsive web application that demonstrates my skills as a Software Engineer

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

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.

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.

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.

Education

2006 - 2010	**High School Diploma**
	Mangu High School

2010 - 2014	**Networking**
	Computer Pride Center

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

2016 - Present	**BSc. Bachelor in Business Information Technology**
	Strathmore University
	Dean's Honors List

Skills

Full Stack Development

React.js, JavaScript, MongoDB, Mongoose, Express.js, MySQL, PostgreSQL, GraphQL, Web Server (nginx, Apache), Git

Programming Languages

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

Applications

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

Hardware Systems

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

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