DONALD PARMINTER LOKONG

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Software Engineer

About

My name is Donald and I am 26-year-oldSoftware Engineer based in Nairobi, who is passionate aboutsoftware 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 and Competions

March 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 payment of consultation fees
	• Event scheduling to set up meetings
	• Admin Panel to manage scheduled appointments
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 - Present	**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	**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 - Present	**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 - Present	**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.

2016 - Now	**System Administrator**
	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

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

2010 - 2014   Networking
               Computer Pride Center
               - CCENT
               - CCNA - Routing And Switching
               - Understanding Cisco Cybersecurity Fundamentals (SECFND)
               - Implementing Cisco Cybersecurity Operations (SECOPS)

Skills

Full Stack Development

Data Structures and Algorithmsm, React.js, ES6 - JavaScript, MongoDB, Firebase, Express.js, web server (nginx, Apache), Git

Programming Languages

JavaScript, C++, Java, Python, SQL, HTML, CSS, PHP, R Programming

Hardware Systems

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

Network Management

- Network Maintenance
- Network Security
- Network Troubleshooting

Applications

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

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