



DANIEL MUTHAMA

Software Engineer

DETAILS

Contact

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Nationality

Kenyan

PROFILE

Ø A creative thinker, adept in software development and working with various data structures.

Ø Experienced Software Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems.

Ø Experienced with the latest cutting edge development tools and procedures.

Ø Adept in various software applications, filing systems, and office equipment.

Ø Experienced in ensuring optimal workflow and efficient production in large-scale printing facilities.

Ø Skilled in using basic office equipment and real estate software.

Ø Proficient in an assortment of technologies, including Java, ASP.NET, C#, IIS, Tomcat, and Microsoft SQL Server.

Ø Bringing forth over five years of experience working as a Freelance developer on over 200 projects.

Ø Eager and ready to leverage my managerial and administrative skills to best serve your office.

EMPLOYMENT HISTORY

Penetration Tester, Crossover

JUNE 2023

• Conducted security audits and penetration tests to identify and address any security gaps or vulnerabilities

• Conducted vulnerability assessments and penetration testing to identify and address security weaknesses

• Performed penetration tests and vulnerability scans to identify and close existing security gaps in the network

Cloud Developer, Incentro, Nairobi

JUNE 2020 – AUGUST 2022

• Developed a hybrid cloud infrastructure that allowed for secure data transfer between on-premise and cloud-based systems

• Developed data pipelines in cloud-native environments such as AWS, Azure, and Google Cloud Platform

• Configured and deployed servers to support a new cloud-based application, resulting in improved scalability and performance

• Implemented automation processes that reduced manual tasks by 70%, allowing for faster deployment of new cloud resources

Backend Developer, ZUKU, Nairobi

MAY 2019 – JANUARY 2020

• Developed a RESTful API that allowed the app to integrate with backend services, resulting in enhanced user experience

• Developed a custom UI library that increased developer productivity and code reuse

• Utilized Cloud technologies to create a highly scalable and reliable backend system

Data Entry, Kenya Power, Nairobi

JANUARY 2019 – APRIL 2019

• Successfully identified and resolved data entry errors, resulting in improved data accuracy

• Conducted data entry and verification to ensure data accuracy and completeness

• Developed macros to automate data entry and reduce time spent on manual data entry

FrontEnd Developer, Adrian, Nairobi

APRIL 2017 – JUNE 2019

• Developed a custom UI library that increased developer productivity and code reuse

• Optimized the application's performance by implementing caching and using memory-efficient data structures

• Developed a real-time notification system that kept users informed of the latest updates and events

Graphic Designer, Gachoki Studios, Nairobi

JANUARY 2015 – FEBRUARY 2017

• Developed creative solutions to complex design challenges

• Utilized a variety of software to create high-quality visuals, including Adobe Photoshop, InDesign, and Illustrator

• Adapted design concepts to different media formats, including web, social media, print, and video

• Created a series of illustrations that increased customer understanding of complex concepts by 80%

EDUCATION

Software Engineering & Data Science, Moringa School, Nairobi

NOVEMBER 2021 – APRIL 2022

• Graduated with Distinction

Ø Activity:

• Created 30+ projects available in my GitHub: <https://github.com/danielmuthama>

Software Engineering, ALX & Holberton School, Nairobi

OCTOBER 2022 – AUGUST 2023

• Graduated with Distinction

Ø Activity:

• Created 100+ projects available in my GitHub: <https://github.com/danielmuthama>

Computer Technology, Maseno University, Nairobi

AUGUST 2015 – APRIL 2019

Ø Activity:

• Participated in coding challenges and talks hosted by Huawei and Zalego.

Secondary Level, St. Thomas Moore, Nguvu Boys', Embu

JANUARY 2011 – OCTOBER 2014

• Graduated with Distinction

Ø Activity:

• Dormitory captain.

• Participated in science congress

Primary School, Kakuyuni Primary School, Machakos

JANUARY 2002 – NOVEMBER 2010

• Graduated with Distinction

Ø Activity:

• Participated in drama and music.

📄 Cybersecurity & Networking, Cisco Netcad, Nairobi

2018 – JUNE 2023

o Awarded CISCO certificates on completion of networking CCNA (1, 2, 3, and 4), IoT and Security, Bridging, Networking Essentials, Entrepreneurship, and Cybersecurity courses in Maseno University.

📄 Linux, Network Development Group, Nairobi

JANUARY 2018 – JUNE 2023

o Awarded NDG certificates on completion of unhatched Linux, Linux essentials, Linux 1 and 2 courses while at Maseno University.

📄 Python, OPEN EDG Python Institute, Nairobi

JANUARY 2018 – JUNE 2023

o Awarded PCAP certificate on completion of Python Programming Essentials while at Maseno University.

📄 Javascript, OPEN EDG Javascript Institute, Nairobi

JANUARY 2018 – JUNE 2023

o Awarded CPA certificate on completion of JavaScript Programming Essentials while at Maseno University.

📄 C++, OPEN EDG C++ Institute, Nairobi

JANUARY 2018 – JUNE 2023

o Awarded CPA certificate on completion of C++ Programming Essentials while at Maseno University.

📄 Android Development, GADS (Google Africa Developers Scholarship), Nairobi

JANUARY 2018 – JUNE 2023

o Awarded Android Development certificate on completion of GADS a 6 month program.

📄 Cloud Engineer, GADS (Google Africa Developers Scholarship)

JANUARY 2018

o Awarded Cloud Development certificate on completion of GADS a 6 month program.

📄 English Speaking & Writing, Emmersion , Nairobi

SEPTEMBER 2021

o Awarded Certificate of Language Ability after completing a series of English tests.

📄 Huawei Technologies, Huawei Talent Online, Nairobi

APRIL 2022

o Awarded Huawei certificates on completion of Information Representation and Data Organization, Cloud Solution Architect, Network Security.

📄 Cloud Developer, AWS ML & Data Analyst, Udacity, Nairobi

MAY 2022 – JUNE 2023

o Awarded Udacity certificates on completion of AWS machine learning and AWS Cloud Developer a 4 month program.

📄 Web Security & Cybersecurity, APISec University, Nairobi

MAY 2023

o Awarded API security fundamentals and API Penetration Testing certificates on completion of a 3-month program

LINKS

GITHUB

LINKEDIN

SKILLS

Effective Time Management

Microsoft Office Word

Microsoft Excel

Adobe Illustrator

MongoDB

C++

Node.js

React

jQuery

HTML

JavaScript

Penetration Testing

PHP

Communication Skills

Microsoft Office

Adobe Photoshop

Linux

Git

Docker

MySQL

SQL

Java

Computer Networking

Python

HOBBIES

Watching documentaries and coding

Engaging in community services

Travelling and exploring

REFERENCES

Dr. Michael Oyowo from Maseno University

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Omambia Douglas from Ngeni.io

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Eng. Richard Kanui from Ministry of Water and Irrigation, Kenya

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