

Paul Mutemi

Software Developer | Junior Cyber Security Analyst

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PROFESSIONAL SUMMARY

A reliable and resourceful software developer and a junior cyber security analyst with 3 years of experience in software development and vulnerability assessment. Proven ability in problem solving and making decisions in collaboration with team members and an expertise in client services and long-term relationship building.

My Professional Strengths include:

- ❖ Adaptability and flexibility: I have proven ability to remain resilient and tenacious when under pressure and despaying quality at what I do.
- ❖ Analytical and problem solving skills: I have ability to abstract complex problems to give a feasible and long term solution.
- ❖ Communication: Ability to document and prepare technical reports and organize the information for easy reading and understanding.
- ❖ Team building and collaboration: Learned this from various bootcamps and leadership roles given during the sessions of developing and documenting a system.

Key Achievements

- ❖ Proposed development of a web based application which gives end users to control their private key and use it to decrypt encrypted messages sent to them. A great public key infrastructure (PKI) was featured.
- ❖ Participated in giving out a solution for software architecture and API design for a system to record income and expenses at Glitex Solutions Limited.
- ❖ Successful execution of a system through the entire software development life cycle.

PROFESSIONAL EXPERIENCE

CodeAfrica | *Software Engineer*

February 2022 - Present, Nairobi

Key Responsibilities:

- ❖ Designing and developing back-end features and components
- ❖ Designing and implementing the database models.
- ❖ Collaborating with other engineers in API design and development.
- ❖ Scaling the back-end architecture and codebase.
- ❖ Steward technical standards and quality.
- ❖ Conducting peer code review.
- ❖ Analyzing and assessing code with an insistence on quality and reliability.

Glitex Solutions Limited | Web Developer

July 2021 - November 2021, Nairobi

Key Responsibilities:

- ❖ Designing and developing back-end features and components
- ❖ Designing and implementing the database models.
- ❖ Collaborating with other engineers in API design and development.
- ❖ Developing web applications - Python/Django
- ❖ Designing and developing RESTFUL APIs - Django Rest Framework (DRF).
- ❖ Conducting Unit testing

Technical Writer and Web Development Freelancer

January 2020 - June 2021, Nairobi

A technical writer and website developer at Fiverr online freelancing platform.

Key tasks and Responsibilities

- ❖ Solved programming tasks for clients
- ❖ I wrote articles to enlighten on technical and fundamental analysis of cryptocurrencies for clients
- ❖ Developed responsive websites and hosted websites in c-panel and GCP for clients
- ❖ Fixed errors, upgraded websites and optimized functionalities
- ❖

Conquest Capital | Web Developer Intern

May 2019 - October 2019, Nairobi

Key Responsibilities:

- ❖ Designing and developing responsive dynamic websites (WordPress CMS)
- ❖ Installing and customizing WordPress themes
- ❖ Developing custom business web applications.
- ❖ Updating and upgrading existing websites
- ❖ Conducting Search Engine Optimization (SEO) for different websites
- ❖ Website Content Management

SKILLS

Back-end

- ❖ Python / Django Framework, OOP, MVC, REST APIs

Front-end

- ❖ JavaScript, HTML5, CSS3, React.

Databases

- ❖ MySQL Server, SQL, PostgreSQL, MongoDB

Tools

- ❖ Linux, Git and GitHub, BitBucket, AWS Deployment, GCP Deployment, JIRA, SharePoint

Cyber Security Tools

- ❖ Nmap, Metasploit, Web and network enumeration using Nmap, Vulnerability Assessment, Network Administration

EDUCATION

Karatina University | *Bachelor in Computer Science*

August 2017 - July 2021, Karatina

Second Class Honors Upper Division

St Josephs' Mutito High School | *Kenya Certificate of Secondary Education*

January 2013 - November 2016, Kitui

B Plain

CERTIFICATIONS/ TRAINING

- ❖ Cyber Security Analyst Training at CyberShujaa | May 2022 - Ongoing
- ❖ AWS Cloud Practitioner | May 2022 - Ongoing
- ❖ National Urban Policy Certificate | May 2022
- ❖ Advanced Django | March - April 2022
- ❖ Deploying Django Apps in Cloud Platforms | April 2022
- ❖ A Career in Code | March 2022
- ❖ Javascript Essential Training | November 2021 - January 2022
- ❖ Python Intermediate Certificate | July 2021 - November 2021

LANGUAGES

English | Native

Swahili | Native

INTERESTS

Traveling, Swimming, Biking, Hiking and Board games

REFEREES

Zablon O. Birundu

Coordinator-Computer Science Program

Karatina University

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Job Levis

Web Developer

Trisoft Ltd

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