Newton Maina

📞 0746238725 | ✉ newtonmainag@gmail.com | 🔗 linkedin.com/in/newton-maina-gatiba

SKILLS

- Programming Languages: Python (Stronghold), Java, C++, Typescript, JavaScript.
- Frameworks and Technologies: Git, Node.js, Django, React, Next.js, SQL, Android, Appwrite.
- Areas of Expertise: Backend Development, Operating Systems, Agile, AWS, UI/UX Design, CCNA, Web Development.
- Soft Skills: Community Engagement, Volunteering, Advocacy, Team Collaboration, Problem-Solving, Attention to detail, Communication.

EDUCATION

KCA University || Survey *Nairobi, Kenya*   Sep 2021– Current
B.Sc. Software Development

    Relevant Coursework: Operating Systems, Data Structures and Algorithms, AI & ML, Mobile App Development and Mobile Gaming, Object Oriented Programming, User Interfaces/User Experience, Network Programming, Expert Systems...

LICENSES AND CERTIFICATIONS

Emobilis Institute || *Westlands Nairobi, Kenya*   Sep 2023– Dec 2023
Certificate: Web Development – Graduated on 27th July 2024 (Grade A of 92 points)

    Relevant Coursework: Databases (SQL, Postgres), Web Development (Front and Backend), Python-Django, CRUD Applications, Web Design...

KCA University || Survey *Nairobi, Kenya*   May 2024– Current
Certificate: AWS Cloud Practitioner

    Relevant Coursework: Amazon Web Core Services, Cloud Applications, Cloud Computing, AWS Architecture, Security and Compliance, AWS Management tools...

KCA University || Survey *Nairobi, Kenya*   May 2022– Oct 2022
Certificate: Cisco Certified Network Associate (CCNA Level 1-3) – (Grade A of 96 points)

    Relevant Coursework: Network and Security Fundamentals, IP Connectivity and services, Automation and programmability, Network Access, IP routing, WAN technologies...

University at Buffalo via Coursera || Online   Jul 2024– Aug 2024
Certificate: Blockchain Basics

    Relevant Coursework: Blockchain Fundamentals, Cryptographic Foundations and Algorithms, Consensus Models, Smart Contracts and Dapps, Bitcoin and Ethereum Protocols...

EXPERIENCE

CodSoft: *Python Programming - Virtual*   Aug 2024– Current

- Enhancing Python programming skills through hands-on projects and coding challenges.
- Developing and refining Python applications, contributing to various aspects of software development.

Volunteer Web Maintenance and Support: *Kiambu High School Alumni Association.*   Jun 2024– Current

- Co-manage and maintain the association's social platform and website, improving user engagement and site functionality. *(khsaf.org)*

PROJECTS

Wealth wave: *Full Stack Developer*
- Objective – Created a fintech banking application offering comprehensive financial services and bank card management.
- Technologies used – Typescript, Node-React, Next.js, Appwrite.
- Key Contributions – Designed and developed front-end components and integrated them with backend-services. Implemented secure authentication and real-time financial data features.

Language Translator App: *Lead Developer*
- Objective – Developed a web-based application for real-time language translation using Google trans API.
- Technologies used – Django, Python, Google trans API, HTML/CSS
- Key Contributions – Implemented the backend logic for translation and designed a user-friendly web interface to handle various languages. Ensured accurate and efficient translation services.

Patient Management System: *Full Stack Developer*
- Objective – Built a comprehensive system for managing patient records, appointments, and medical histories.
- Technologies used – Typescript, Node-React, Next.js, Appwrite.
- Key Contributions – Developed interactive and responsive UI components, and ensured secure handling of patient data. Integrated with backend services to streamline patient management processes.

CLUB INVOLVEMENTS

- African Ruby Community – Member.
- Amazon (AWS) Students Community (Kenya) – Member.
- Appwrite – Member.
- Google Developers Student Club – Member.
- Microsoft Learn Student Ambassador – Trainee.

MY WEBSITE

- Currently under development

@: https://newton-portfolio-4302b78728d1.herokuapp.com/