EMMANUEL NYONGESA

FULL STACK DEVELOPER AND DATA ANALYST

CONTACT

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📍 Nairobi city

https://github.com/1234manucho/

EDUCATION

2024 to date

CO-OPERATIVE UNIVERSITY OF KENYA

BSC in applied statistics and data Science

2023- AUG 2024
MODCOM INSTITUTE OF TECHNOLOGY

Software Development

2020- 2023

ALLIANCE HIGH SCHOOL

SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

LANGUAGES

- English (Fluent)
- Kiswahili (Fluent)

PROFILE

Versatile and detail-oriented Full Stack Developer and Data Analyst with a proven track record of designing, developing, and deploying robust web applications while deriving actionable insights from complex datasets. Skilled in both front-end and back-end development, as well as data modeling, visualization, and statistical analysis. Adept at turning business requirements into scalable digital solutions and data-driven strategies that enhance performance, productivity, and user experience.
Proficient in modern development stacks (MERN, MEAN, LAMP), database management (SQL, MongoDB), and analytics tools (Python, R, Power BI, Tableau).

WORK EXPERIENCE

Fullstack developer and data analyst   2023 - PRESENT

- Collect, clean, and preprocess data from various sources including databases, APIs, and flat files.
- Perform exploratory data analysis (EDA) to uncover trends, patterns, and insights.
- Develop dashboards and reports using tools like Power BI, Tableau, or Excel for clear data visualization.
- Design and develop responsive web applications using front-end technologies like HTML, CSS, JavaScript, React, Angular, or Vue.js.
- Develop and maintain scalable back-end systems using Node.js, Django, Flask, Laravel, or other server-side frameworks.
- Create and integrate RESTful APIs and third-party services to support front-end functionality.
- Design and manage relational and NoSQL databases such as MySQL, PostgreSQL, and MongoDB.
- Implement user authentication and authorization for secure access.
- Collaborate with UI/UX designers and other team members to deliver a seamless user experience.
- Conduct testing and debugging to ensure high performance and reliability.
- Maintain and improve legacy codebases and refactor where needed for performance optimization.
- Follow Agile development practices and participate in daily stand-ups, sprint planning, and code reviews.

REFERENCE

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