BENFELIX OMONDI

MERN~FULL STACK DEVELOPER

ABOUT ME

I am a passionate and versatile **MERN full-stack developer** and **Data Scientist**, with hands-on experience in building responsive and scalable web applications using modern JavaScript frameworks and libraries like **React.js**, **Node.js**, **Express.js**, **Next.js**, and **Vue.js**, alongside **Tailwind CSS** for front-end development. I am skilled in both the front-end and back-end, and I also bring experience in data analysis and machine learning using **Python** and **Jupyter Notebooks**.

 Having completed my coursework in **Bachelor of Science in Software Development** and currently awaiting graduation, I have developed a strong foundation in both web development and data science. Through academic projects, personal coding initiatives, and an upcoming attachment, I have honed my abilities in creating efficient, user-friendly applications while leveraging my skills in **Python** for data analysis, visualization, and problem-solving.

 I am eager to apply my technical expertise in a challenging and dynamic environment where I can contribute to impactful projects while continuing to grow as a developer and data analyst.

AREAS OF EXPERTISE

Frontend – HTML5, CSS3, JS, **React**.JS, Next.js, Vite.js, Tailwind ccs, Typescript, Framer Motion.
Backend –Node.js, Express.js.
Database –Mongo.DB, MySQL

OTHER SKILLS
Data analytics –Python (Jupyter Notebook)

MY CONTACTS & PORTFOLIO

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WORK EXPERIENCE

• WEB DEVELOPER

KCA University, Projects & Bootcamps: Sep 2021- Ongoing
Developed several responsive web applications using HTML, CSS (including Tailwind CSS), and JavaScript frameworks like React.js, Node.js, and Express.js. Built single-page applications (SPA) and dynamic user interfaces using React.js and Next.js, focusing on optimizing user experience and application performance. Implemented RESTful APIs for backend services, connecting with MongoDB for data storage and retrieval. Participated in coding boot camps that enhanced my skills in front-end technologies and frameworks like Vite.js, and Next.js. Worked on various group projects where I applied Agile methodologies, collaborating with peers to deliver web solutions on time. Integrated responsive designs into all projects to ensure a seamless user experience across mobile and desktop platforms.

• DATA SCIENCE/ DATA ANALYST

Freelance Projects & Coursework: Jan 2023 -ongoing
Worked with various datasets to perform data cleaning, exploration, and visualization using Python and Jupyter Notebooks. Applied pandas, NumPy, and matplotlib to manipulate data and generate insights for academic projects and personal analyses. Built predictive models using machine learning libraries such as sci-kit-learn, developing skills in data preprocessing, model training, and evaluation. Analyzed trends and patterns from large datasets, presenting findings through clear, concise visualizations and reports. Completed several data-driven projects, including financial forecasting, customer behavior analysis, and social media data exploration. Gained proficiency in data wrangling and visualization techniques to support decision-making in various scenarios.

EDUCATION

*   **KCA University :2020 – Currently.**
Bachelor of Science in Software Development
Qualification: Finished and awaiting graduation.

*   **St Michael-Kabaa High School, Machakos : 2016 – 2019.**
Qualification: KCSE: B (66 points) (Subject Grades: Computer Studies: A, Math: B+, English: B, Kiswahili: B+, Physics: B, Chemistry: C+, Geography: B, CRE: C+.)

*   **Komarock Primary School, Nairobi : 2013 – 2015.**
Qualification: KCPE : B+ (367 marks) (Subject Grades: Maths: 74, English: 76,Kiswahili: 69, Science: 75, Social Studies and CRE: 73.)

PROJECTS

*   **Netflix clone**

This Netflix Clone is a web application built using React.js and Firebase, designed to replicate the user interface and functionality of the popular streaming service, Netflix.

*   **GitHub Clone**

This is a comprehensive Next.js and React.js GitHub Homepage template that incorporates powerful and popular web development libraries and practices.

*   **OLX Clone**

A React E-commerce Progressive Website that involves selling, buying, and exchanging, and will be adding a new feature that organizes to meet people nearby your location.

*   **Data analysis**

Done analysis for some datasets like Heart Disease and Breast Cancer Prediction, Car Price Prediction, and Credit Risk Analysis in Pythons-Jupyter Notebook's frameworks like NumPy, Pandas, Matplotlib, Seaborn, and XGBost

I am still working on my other projects on my GitHub.