

Renox Omache

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EXPERIENCE

Full Stack Developer

Safaseal Technologies | 02/2023– 05/2024

- **Enhanced Company Web Applications:** Spearheaded the redesign, development, testing, and deployment of web applications using React Hooks, Context API, React Router, and additional libraries, significantly improving user experience and performance.
- **API Development:** Architected and optimized RESTful APIs in C#, efficiently serving data to the React frontend based on dynamically selected user inputs.
- **Software Reliability and Security:** Ensured the reliability and security of software services through proactive monitoring, rigorous bug testing, and thorough documentation, leading to improved system uptime and operational efficiency.
- **Data Collaboration and Analysis:** Partnered with Data Analysis teams to develop advanced machine learning models and analyze business needs using SQL and Python, delivering innovative solutions and enhancing overall business performance.
- **Testing and Optimization:** Created comprehensive testing reports, leveraging data insights to optimize team performance and expand test coverage, resulting in more robust and reliable software solutions.

Web Developer

NAYA Foundation | 07/2021 - 01/2023

- **Website Redesign and Development:** Led the redesign and development of a high-traffic, interactive, and dynamic website using React and ASP.NET, resulting in a 20% increase in user engagement and a significant reduction in bounce rate.
- **Mentorship and Team Development:** Mentored over 15 staff volunteers and a new web developer, boosting the frequency of website updates and changes by staff volunteers by 50% and decreasing the number of requests to the web development team by 30%.
- **SEO Campaigns:** Contributed to SEO campaigns that achieved a 34% increase in website traffic, enhancing online visibility and brand awareness.
- **Security Enhancements:** Assisted in the implementation of a biometric authentication system, significantly enhancing security measures and protecting sensitive information.

Business Analyst Internship

PwC Kenya | 02/2019 - 08/2019

- **Advanced Data Analysis:** Applied cutting-edge machine learning techniques to uncover meaningful patterns and trends from large and complex financial datasets.
- **Insights and Recommendations:** Translated complex financial insights into clear and actionable recommendations, effectively communicating with both technical and non-technical stakeholders.
- **Data Visualization:** Utilized industry-standard data analysis and visualization tools to present findings, making complex data accessible and understandable for diverse stakeholders.

SKILLS

Programming: Python, C#, JavaScript, TypeScript

Frontend: React, HTML, CSS, Tailwind, npm, Redux, Vite

Backend: Django, ASP.NET Core, ExpressJs, NestJs, Entity Framework Core

Database: MySQL, PostgreSQL, NoSQL

Tools: VS Code, Visual Studio, Figma, AWS (EC2, S3), Git, GitHub, GitHub Actions, Jenkins

EDUCATION

University of Nairobi

Bachelor in Statistics | Graduated: 2021

- **Relevant Courses:** Machine Learning Algorithms, Database Management Systems, Probability Theory, Operation Research, Point Estimation, Bayesian Theory

ALX

Software Engineering Certificate | Graduated: 2020

- **Relevant Courses:** Data Structures and Algorithms, Object Oriented Programming, Web Development, Cloud Computing, Software Design architecture, Database Systems

OTHERS

Projects: Kenya 2022 Election Sentiment Analysis, Airbnb Clone Website, Facial Recognition (Uniface), Kenya Sign Language to Speech Converter

Certifications: AWS Certified Cloud Practitioner, Google Data Analytics, Deep Learning Specialization

Interests: Renewable Energy, Non-Profit, Artificial Intelligence, Philosophy