Buomkuoth Makuach

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Full-Stack Engineer

Dedicated and highly motivated Computer Science graduate with a strong foundation in software engineering, web development, and networking. Experienced in frontend and backend development, with a passion for leveraging technology to solve real-world problems. Seeking opportunities to contribute effectively to a dynamic team in the fintech industry.

WORK EXPERIENCE

Frontend Developer • Full-time

Imali.Click • Hybrid • 10/2024 - Present

Imali.click is a fintech company focused on providing digital financial services and solutions. They aim to simplify financial transactions through innovative technology, offering a seamless and user-friendly platform for payment processing, financial management, and credit solutions.

- Led the development of user-friendly interfaces that enhanced user experience, using React and Typescript/Next.js.
- Integrated APIs seamlessly into the frontend, enabling efficient data exchange and dynamic content updates.
- Contributed to code quality by participating in code reviews, implementing best practices, and ensuring maintainability.

Backend Developer • Part-time

Tech Project On Budget • Remote • 11/2023 - Present

- Improved API response time by 40% through optimizing database queries, resulting in a more efficient user experience and increased customer satisfaction.
- Implemented backend functionalities and integrated APIs to deliver scalable and efficient solutions.
- Developed and implemented a new caching system, reducing server response time by 50%, leading to improved website loading speed and increased user satisfaction.

Frontend Developer • Internship

PayWiFiGo • Remote • 04/2024 - 08/2024

PayWiFiGo is a Kenyan company that presents a novel approach to boosting connectivity and revenue streams for Kenyan businesses.

- Contributed to the development of a novel enterprise software solution aimed at boosting connectivity and revenue streams for Kenyan businesses.
- Collaborated with a remote team to create frontend features for prepaid WiFi access routers, enabling businesses to monetize existing infrastructure and cater to customer needs.
- Utilized technologies such as HTML, CSS, JavaScript, and React.js to deliver user-friendly interfaces and enhance customer experience.

Web Developer • Part-time
JICTS Limited • Juba, South Sudan • 12/2023 – 08/2024

IT services and Consultations

- Developed a responsive web application that increased mobile traffic by 30% and led to a 25% boost in overall user satisfaction and retention.
- Gained hands-on experience in frontend development while working on IT services and consultation projects.
- Assisted in designing and implementing frontend components for client websites, focusing on usability and responsiveness.

EDUCATION

Bahir Dar University

Bachelor of Science in Computer Science • Bahir Dar • 10/2019 – 07/2023

Onjiko High School

Kenya Certificate of Secondary Education in (KCSE) • Ahero • 02/2014 – 12/2017

CERTIFICATIONS

AI Career Essentials (AiCE) • 01/2024 – 03/2024

ALX-Africa

Software Engineering • 06/2022 – 10/2023

ALX-Africa

Computer Applications and Entrepreneurship • 06/2018 – 12/2018

Don Bosco Technical Training Center

PROJECTS

Inventory Management Dashboard • 08/2024 – 10/2024

Personal

This project is a full-stack web application designed to manage and track inventory data efficiently. Built using **Next.js**, **Node/Express**, **PostgreSQL**, **Prisma**, and **AWS**, it offers users the ability to view, update, and manage products within an organized dashboard. It incorporates:

- **Next.js** for the front-end, ensuring fast rendering and user-friendly interfaces.
- **PostgreSQL** and **Prisma** for the back-end to handle database queries, ensuring efficient data storage and retrieval.
- **AWS** for cloud infrastructure, providing secure and scalable storage solutions.
- The dashboard allows seamless **CRUD operations** (Create, Read, Update, Delete) for managing inventory data, with real-time updates and smooth user interactions.

AI image generator • 08/2024 – 08/2024

Personal

I built an AI image generator web app using the MERN stack (MongoDB, Express.js, React.js, Node.js), integrated with OpenAI for image generation and Cloudinary for image storage. The app allows users to input descriptive text, which the AI interprets to generate corresponding images. It features user authentication, image gallery management, and the ability to download or share images. This project

is designed to provide a seamless and interactive user experience, showcasing my skills in full-stack development and AI integration.

Fashion Stylist Web-application · 01/2023 - 06/2023

Bahir Dar University

Developed a web application (e-commerce) dedicated to fashion items and accessories, providing users with a personalized shopping experience. The technology used includes MERN stack, Chappa, and PayPal for payment integration.

VOLUNTEERING & LEADERSHIP

Bahir Dar University · 05/2021 - 05/2023

President of International Students • Bahir dar, Amhara

Led a team of international students, organizing events, promoting cultural exchange, and advocating for student welfare.

SKILLS

Programming Languages: C, C++, Java, JavaScript, Python

Frontend Technologies: CSS, HTML, Next.js, React.js, TypeScript

Backend Technologies: Express.js, MongoDB, MySQL, Node.js, PostgreSql

Other: AWS, Git, REST APIs, Software Development Lifecycle