Erick Charles Nyakiha

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WORK EXPERIENCE

Lutheran Investment Company - LUICO
Software Developer
May 2024 – Present | Arusha, Tanzania

LUICO proudly serves as the dedicated investment arm of the Evangelical Lutheran Church in Tanzania (ELCT). It acts as the economic powerhouse within the church, with a primary objective of wealth generation.

- Redesign and maintain the Tumwabudu Mungu Wetu App, a hymn/religious book app, using Figma, Flutter, and Node.js, resulting in a 30% increase in user engagement and acquisition by optimizing performance and adding new features.
- Develop an App Management System to track app performance and earnings using React.js and Node.js, providing real-time analytics that improve operational efficiency.
- Implement a customer support ticketing system using React.js and PHP, streamlining the support process and boosting user retention by 20% through quicker issue resolution.
- Maintain the company's WordPress website, ensuring 99.9% uptime and providing regular updates to enhance user experience and engagement.
- Perform system administration tasks, including server maintenance and internal IT support, which reduce downtime and improve network performance across the office.

MsosiDrop – Deon Hub Ltd
Front End Developer – Freelance(contract)
Feb 2024 – Apr 2024 | Dar es salaam, Tanzania

Deon Hub Ltd is a tech solutions provider, with a focus on creating digital tools for local businesses, including MsosiDrop, a food delivery platform.

- Developed and maintained the MsosiDrop App landing page using Next.js, resulting in a 20% increase in page load speed and enhanced user experience.
- Integrated Google App Scripts with contact forms, automating data transfer to company emails and Google Sheets, improving communication efficiency.
- Optimized website performance through Google Lighthouse and web vitals, reducing load times by 25% and improving accessibility.
- Redesigned UI/UX for legacy mobile applications using Figma and implemented designs using Flutter, leading to a 15% increase in user satisfaction.

Amplepack Business & Investment Ltd - ABIL
Software Developer
Apr 2022 – Apr 2024 | Dar es salaam, Tanzania

Amplepack is a tech solutions provider that specializes in packaging solutions and software development for local companies.

- Collaborated on development of web-based monitoring systems and mobile data collection tools that enhance data driven decision making for various government institutions and NGO's, primarily in the health sector using Tailwind CSS, Bootstrap, Flutter, PHP, and MySQL.

- Designed and developed UI/UX for client projects using Figma, Tailwind CSS, and Flutter, resulting in a higher client satisfaction rate for delivered projects.
- Integrated APIs to enable mobile and web apps to communicate with databases using PHP, increasing data retrieval efficiency.
- Developed a sales and expense management system for business reporting using Tailwind CSS, PHP, and MySQL.
- Managed and maintained WordPress websites, including the company's site, ensuring seamless operations and a 99% uptime rate.

Tanzania Commission for Science and Technology - COSTECH
Field Practical Intern
Aug 2019 – Oct 2019 | Dar es salaam, Tanzania

COSTECH is a government institution that promotes the development of science and technology in Tanzania.
- Conducted data entry tasks, ensuring database accuracy and improving data processing efficiency.
- Assisted in the setup and maintenance of computer networks, enhancing network performance and reducing system downtime.
- Contributed to web development projects, collaborating with the team to improve overall output and streamline processes.

EDUCATION

Institute of Finance Management (IFM)
Bachelor of Science in Computer Science
Nov 2018 – Nov 2022 | Dar es Salaam, Tanzania

Msolwa St. Gaspar Bertoni Secondary School
Advance Certificate of Secondary Education (A-Level)
Apr 2016 – May 2018 | Morogoro, Tanzania

Marian Boys Secondary School
Certificate of Secondary Education (O-Level)
Jan 2012 – Oct 2015 | Dar es Salaam, Tanzania

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, TypeScript, PHP, SQL, Dart
- **Frameworks & Libraries:** Tailwind CSS, Bootstrap, React.js, Node.js, Express.js, Next.js, Flutter
- **Databases:** MongoDB, MySQL
- **Other Tools:** Git, WordPress, Webflow, Figma, Adobe Suite, Docker
- **Specialized Skills:** UI/UX Design, CMS Integration, API Development, Website Optimization