Alex Mwangi | Full stack developer

Email: mwangikariuki586@gmail.com
GitHub: https://github.com/MwangiKariuki586?tab=repositories
Phone: +254758606346
Personal Portfolio: https://alex-mwangi-portfolio.vercel.app/

PROFILE SUMMARY

Full Stack Developer with experience in JavaScript, HTML5, CSS3, React, NextJs, and ExpressJs. I enjoy building responsive web and mobile applications that address real user needs and provide business value. I have a track record in Agile settings, delivering effective UIs and back-end integrations that improve usability and scalability. I am excited to join teams that focus on tangible results and ongoing improvement.

WORK EXPERIENCE

Digital Qatalyst, *Fullstack developer*   October 2024 – present

- Developed responsive UIs for the Digital Transformation Management Platform (DTMP), resolving cross-device compatibility problems in client portals and analytics dashboards. I also implemented optimizations that improved load times by 30% and boosted user engagement metrics by 25% for regulatory compliance features.
- Created reusable React and Next.js components for TMaaS (Transformation Management as a Service), reducing redundancy in AI-driven customization marketplaces as well as new feature development time by 40% on projects, enabling scalable on-demand digital transformation services.
- Collaborated in Agile teams on Khalifa Fund project to translate business requirements into functional features for funding management applications, overcoming integration issues with external APIs through iterative feedback. This resulted to delivering solutions that met 100% of stakeholder requirements on time, in support of SME digital acceleration initiatives.
- Enhanced system usability and user experience by targeted optimizations of the DFSA (Dubai Financial Services Authority) Services Portal via DTMP's Graph SQL and Power BI integrations, which solved pain points discovered through user testing of financial authorization workflows. Additionally, this increased overall satisfaction ratings to 20% higher based on post-launch surveys while ensuring compliance with DIFC regulations.

EDUCATION

KCA University   May 2018 – Nov 2021

- Bachelor of Science in Information Technology (BSc IT)
- Relevant Coursework: Web Development, Data Structures and Algorithms, Database Management

TECHNICAL SKILLS

- **Front-End:** React, NextJs, Javascript, Tailwind, HTML, CSS
- **Back-End:** ExpressJs, Django, WordPress CMS
- **Databases**: MySQL, PostgresSQL, MongoDB
- **Cloud Platforms:** AWS, Azure
- **Tools:** Git, Jest, Docker, Postman, Figma

References available upon request