Waza Nyirenda | Front-End Developer

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SUMMARY

Front-End Developer with 2+ years of experience in creating scalable, responsive web applications. Proficient in HTML, CSS, JavaScript and UI/UX design, with a proven track record of increasing user engagement and optimizing website performance. Adept at collaborating with cross-functional teams to deliver high-quality solutions. Passionate about leveraging technology for impactful problem-solving.

EXPERIENCE

Ericolas Technologies – Ndola, Zambia   *2023 – Present*
Software Engineer – Part Time

- Architected and developed scalable, responsive web applications, leading to a 25% increase in user engagement across multiple client projects.
- Collaborated with cross-functional teams to deliver over 5 projects, achieving 95% client satisfaction rates.
- Implemented modern front-end frameworks and UI/UX best practices, reducing website load times by 40%.
- Designed over 30 digital posters and banners for clients, enhancing their branding and marketing efforts.

TECHNICAL SKILLS

- **Languages**: HTML5, CSS3, JavaScript, Python
- **Frameworks & Libraries:** React.js, Flask
- **Management Tools:** Trello, Slack, Notion, Google Workspace
- **Design Tools:** Figma, Adobe Photoshop, Canva, Adobe XD
- **Design Skills:** Digital posters and banner design, UI/UX design, Prototyping in Figma, Web Design, Data Visualization
- **Version Control**: Git, GitHub
- **Responsive Design**: CSS Grid, Flexbox, Media Queries, Tailwind CSS

PROJECTS

Maize Disease Detection Web Application

- Engineered a Flask-based solution that processes image analysis with 98% accuracy.
- Integrated TensorFlow Lite model, reducing diagnosis time from minutes to seconds.
- Enhanced agricultural productivity through accurate diagnostics and actionable treatment recommendations.

Photography Business Website
Roots Media House

- Engineered a responsive website that achieved a 40% increase in client inquiries three months post-launch.
- Optimized site performance, resulting in a 50% improvement in page load speed
- Implemented SEO best practices, leading to a 50% increase in organic traffic

EDUCATION

Zambia University College of Technology - Ndola, Zambia   *2021 – 2024*
Bachelor of Science - Software Engineering

- **Relevant Coursework**: Web Application Development, Software Design, Data Communication and Networks, Cloud Computing, Android App Development, Full Stack Development, Software Testing, Object Oriented Programming.
- **Capstone Project:** Created a maize disease detection web app using Flask and TensorFlow.

INTERESTS

Tech reviews, graphic design, learning languages (Spanish and French), Fitness, and content creation.