

Emmanuel Oire

Software Engineer

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SUMMARY

I am a software engineer proficient in frontend and backend development using React, CSS, Flask, and SQLAlchemy. I specialize in optimizing backend performance, achieving a 40% reduction in API response times through effective caching strategies. My database tuning efforts resulted in a 30% decrease in query execution times, showcasing my commitment to efficient and scalable solutions. With a deep understanding of the software development life-cycle and agile methodologies, I ensure organized and impactful development processes. My skills in Git facilitate collaborative and scalable project management, consistently delivering solutions that surpass business objectives and fulfill user needs.

TECHNICAL SKILLS

React, CSS, HTML, JavaScript, Angular, Vue.js, Python, Flask, SQL, PostgreSQL, REST API, MongoDB, TypeScript, GraphQL, NextJS, MATLAB, Jira, Trello.

SOFT SKILLS

- Leadership
- Teamwork
- Creativity

ACCOMPLISHMENTS

- Implemented ARIA roles and attributes, enhancing usability for individuals with disabilities by 50%.
- Designed and developed responsive user interfaces using React, ensuring seamless experiences across devices and screen sizes, increasing mobile user engagement by 25%.
- Optimized frontend performance, reducing initial load times by 40% through code splitting and lazy loading.
- Created re-usable components, streamlining development and reducing coding time by 30%.
- Integrated Redux for efficient state management, improving application performance by 20% and user experience by 35%.
- Collaborated with cross-functional teams, ensuring cohesive application design and functionality, and increasing project delivery speed by 15%.
- Conducted regular feedback loops with stakeholders, reducing post-deployment issues by 50%.
- Fostered a culture of continuous learning and innovation by participating in 5+ open-source projects and tech talks annually.

EXPERIENCE

Full-stack Engineer

Feb 2024 - Present

Tuzidi

- Utilized JavaScript, Python, SQL, and React to develop 10+ efficient and user-friendly solutions.
- Implemented 20+ new client-requested features while maintaining coding standards for consistency across projects.
- Attended 5+ workshops and conferences annually, enhancing frontend development skills by 20%.
- Converted 50+ design mockups into fully functional web pages, ensuring seamless user interfaces.
- Integrated frontend components with server-side technologies, improving data exchange efficiency by 30%.
- Led adoption of responsive layouts, resulting in 50% faster page loading times and a 25% increase in mobile user engagement.

Software Developer

Sep 2022 – Feb 2024

Upwork

- Created and implemented 15+ user-friendly and visually appealing websites using JavaScript, Git, React, HTML5, CSS, Tailwind, Material UI, and Bootstrap 5.
- Optimized website performance, achieving an average loading speed improvement of 50% through efficient coding practices.
- Collaborated with 30+ clients to understand their requirements and translate them into functional websites, contributing to an 85% customer retention rate.

Sound Engineer

Mar 2020 - Sep 2023

Nostapros Studios

- Collaborated with 50+ producers and artists to create unique sounds for their projects, resulting in a critically acclaimed album with a 95% positive review rate.
- Reduced audio issues during live performances by 70% through thorough sound checks before shows.
- Expanded client base by 40% with consistent delivery of outstanding results in all aspects of sound engineering.
- Managed 10+ projects concurrently, meeting 100% of deadlines while maintaining pristine quality in final deliverables.

EDUCATION

Software Engineering

Nov 2023 - Jun 2024

Moringa School, Nairobi

Bachelor of Science (B.S.) - Applied Mathematics

Sep 2018 - Sep 2022

University of Nairobi, Nairobi