EDWIN M. MOGONDO

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Portfolio: https://meroka.co/

FULL-STACK SOFTWARE ENGINEER

Full-stack Software Engineer with 7+ years of experience architecting and developing scalable, accessible, and performant web applications. Deep expertise in React, Next.js, Node.js, and modern frontend ecosystems. Skilled in building reusable design systems, optimizing developer workflows with CI/CD, and mentoring teams in best practices. Strong advocate for a11y, performance, and maintainability.

CORE COMPETENCIES

JavaScript (ES6+) | React.js | Next.js | Redux| RTK Query | Node.js | RESTful APIs | HTML5 | CSS3 | SCSS | Tailwind | Bootstrap | Jest | Accessibility (WCAG/ARIA) | Figma | SQL | MongoDB | Supabase | Python | AWS (Lambda, S3, CloudFront) | Azure | CI/CD (GitHub Actions,) | DevOps | Agile/SCRUM | Design Systems

PROFESSIONAL EXPERIENCE

PREP4HELP, Sioux Falls, SD   08/2024 – 05/2025
Full-Stack Software Engineer (JavaScript & React)
- Collaborated with developers, designers, and PMs to deliver high-quality software aligned with business goals.
- Developed RAG pipelines for context-aware AI knowledge retrieval.
- Designed RESTful APIs with MongoDB for efficient data management.
- Automated CI/CD pipelines with GitHub Actions to accelerate builds, tests, and deployments.
- Built a scalable design system to standardize components and enhance accessibility.
- Integrated third-party APIs and cloud services for seamless, scalable applications.

KELSEY-SEYBOLD CLINIC, Houston, TX   11/2022 - 05/2024
Web Developer
- Led frontend engineering for enterprise-scale web applications (kelsey-seybold.com, kelseycare.com).
- Built reusable UI components with Sitecore (9.3/10.3), Scriban, and Blazor for rapid content deployment.
- Designed and maintained intranet platforms with SharePoint + Visual Studio, streamlining internal workflows.
- Applied SOLID principles, modern component architecture, and responsive design to improve scalability.
- Mentored developers, enforced best practices in React/Next.js, and improved team velocity.
- Collaborated across teams using Node.js and .NET APIs, ensuring seamless full-stack integration.

KELSEY-SEYBOLD CLINIC, Houston, TX   11/2021 - 11/2022
Sr. Front End Engineer
- Enhanced performance across three React apps, reducing client-side processing by 65% with regex-based validations and React Profiler.
- Modernized codebase: migrated class components → React Hooks & Context API, improving maintainability.

- Implemented Redux state management, ensuring predictable, secure data flows.
- Built, tested, and integrated REST APIs with Node.js/Express, implementing strong error handling.
- Championed a11y (WCAG/Section 508) and security-first engineering.

UDIB, Houston, TX   **9/2018 – 9/2021**
MongoDB, Express, React, Node (MERN) Full Stack Developer
- Developed scalable MERN apps with Next.js, React, and Node.js using SSR/SSG for optimal performance.
- Integrated REST APIs and third-party services for seamless UX.
- Introduced unit & integration tests (Jest) and code review practices to ensure reliability.
- Applied TypeScript for stronger type safety and clarity in large codebases.
- Mentored junior developers, created technical documentation, and drove Agile delivery.

EDUCATION & CREDENTIAL

UNIVERSITY OF KANSAS Lawrence, Kansas, USA
Bachelor of Engineering - BS in Chemical Engineering

JOHNSON COUNTY COMMUNITY COLLEGE Overland Park, Kansas, USA
General Mathematics and Engineering Courses

UDEMY
Udemy Alumni Certificate in Web Development
Professional Certificate, Large Language Model Engineering, AI & Agents

COURSERA
Coursera Certificate in Data Science, Machine Learning & Deep Neural Network

UDACITY
Udacity Certificate in Microsoft Azure