

OMILLO CHARLES

Expert Full-Stack Software Engineer

SUMMARY

- Full-Stack Software Engineer with 3+ years leading end-to-end development of scalable web applications using React.js, Next.js, Node.js, and modern JavaScript (ES6+).
- Proficient in REST API design, database management (MongoDB, MySQL, PostgreSQL, Oracle), and deployment on cloud platforms like Vercel and Linux servers.
- Expertise in system design, responsive UI/UX implementation, performance optimization, and version control with Git/GitHub.
- Founder and Project Lead at a tech initiative delivering client-focused solutions, including optimized photography and portfolio websites with domain and DNS configuration.

TECHNICAL SKILLS

Main Technical Skills	JavaScript (3 yr.), React (3 yr.), Ext JS (3 yr.), Node.js (3 yr.)
Programming Languages	JavaScript (3 yr.)
JavaScript Frameworks	Ext JS (3 yr.), Node.js (3 yr.), React (3 yr.)
.NET Platform	Identity Server (3 yr.)
Salesforce Ecosystem	SalesForce Workflow
Databases & Management Systems / ORM	Data Lake (3 yr.), MongoDB (3 yr.), MySQL (3 yr.), PostgreSQL (3 yr.), relational databases (3 yr.)
UI Frameworks, Libraries, and Browsers	CSS3 (3 yr.), HTML5 (3 yr.)
Cloud Platforms, Services & Computing	Vercel (3 yr.)
SDK / API and Integrations	API (3 yr.)
Methodologies, Paradigms and Patterns	Architecture and Design Patterns (3 yr.)
Version Control	Git (3 yr.), Github Actions (3 yr.)
Operating Systems	Linux (3 yr.), Unix
Platforms	Low-code
Blockchain and Decentralized Software	Optimism (3 yr.)
	QA Automation

QA, Test Automation, Security	
UI/UX/Wireframing	Responsive Design (3 yr.)
Mail / Network Protocols / Data transfer	WebRTC (3 yr.)

WORK EXPERIENCE

Founder & Project Lead - OMYTECH Kenya (OMYTECH Kenya Software Development Initiative)

Duration: 2021 – Present

Summary:

- OMYTECH Kenya is a software development initiative focused on building modern, scalable web solutions
- The project involves delivering end-to-end client-facing applications with an emphasis on performance, usability, and maintainability, covering the full project lifecycle from requirements gathering to deployment and support

Responsibilities:

- Founded and led the software development initiative.
- Designed and deployed client-facing applications.
- Managed full project lifecycle including requirements gathering, system design, development, deployment, and post-launch support.
- Built responsive and high-converting websites tailored to business needs.
- Implemented best practices in frontend architecture and backend structuring.
- Handled domain configuration, hosting, and production deployment environments.
- Worked directly with clients to translate business goals into technical deliverables.

Technologies: JavaScript (ES6+), React.js, Next.js, Node.js, MongoDB, MySQL, PostgreSQL, Oracle Databases, Git, GitHub, Vercel, Linux (Ubuntu, Pop!_OS), API integration, authentication systems, deployment pipelines

Founder & Project Lead (Mhengagee Photography Website)

Summary:

- Development of a modern photography portfolio platform featuring a clean and responsive user interface
- The project aimed to provide a professional online presence aligned with the client's brand, optimizing performance and user experience

Responsibilities:

- Developed a modern photography portfolio platform with a clean and responsive UI.
- Optimized images and assets for performance, significantly improving load speed.
- Configured domain, DNS, and deployment workflows.
- Delivered a professional online presence aligned with the client's brand.

Technologies: JavaScript, React.js, Next.js, Vercel, Domain and DNS configuration



Founder & Project Lead (Personal Portfolio Website)

Summary: Designed and developed a personal portfolio website to showcase projects and skills, focusing on minimal design, performance optimization, and accessibility with responsive layouts for cross-device compatibility.

Responsibilities:

- Designed and developed a personal portfolio to showcase projects and skills.
- Focused on minimal design, performance optimization, and accessibility.
- Integrated responsive layouts for cross-device compatibility.

Technologies: JavaScript, React.js, Next.js, Vercel

Founder & Project Lead (Client Web Solutions (Various))

Summary: Built multiple custom websites for small businesses and individuals, delivering fast turnaround and production-ready quality solutions with features such as contact systems, landing pages, and branding-focused user interfaces.

Responsibilities:

- Built multiple custom websites for small businesses and individuals.
- Implemented features such as contact systems, landing pages, and branding-focused UI.
- Delivered solutions with fast turnaround and production-ready quality.

Technologies: JavaScript, React.js, Next.js, Node.js, Git, GitHub, Vercel

EDUCATION

- **Bachelor's Degree in Software Engineering**

Multimedia University of Kenya; Relevant Coursework: Data Structures & Algorithms, Database Systems, Software Engineering Principles, Web Development
Ongoing

