

Emmanuel Ufere

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PROFESSIONAL SUMMARY

A high-impact, results-oriented **developer** and hands-on architect with over **4 years** of specialized experience within the dynamics of **Insurance Technology (InsurTech)** sector. I possess a deep technical mastery in architecting and delivering high-performance, scalable frontend application ecosystems using modern JavaScript frameworks, particularly **Vue.js/Nuxt** and **React/Next.js**.

My expertise is centered on translating highly complex, often regulated, insurance distribution logic and business requirements into intuitive, reliable, and high-performance user interfaces. I have a proven, hands-on track record of:

- **Strategic Team Leadership:** Successfully leading, mentoring, and scaling development teams to achieve ambitious product milestones.
- **Performance Optimization:** Diagnosing and resolving critical performance bottlenecks, particularly in data-intensive dashboards and financial portals.
- **Architectural Excellence:** Driving major architectural migrations and establishing robust design systems for long-term scalability and maintainability.

I am adept at fusing technical excellence with acute business acumen, ensuring every line of code directly contributes to securing funding, accelerating growth, and achieving measurable business objectives.

CORE TECHNICAL EXPERTISE

Category	Key Technologies & Skills
Primary Languages	JavaScript (ES6+), TypeScript, HTML5, CSS3/SASS
Frontend Frameworks	Vue.js, Nuxt.js (Expert), React.js, React Native, Next.js
Styling & UI	Tailwind CSS, Styled Components, Custom UI Library/Design System

	Architecture
State Management	Pinia (Vue), Redux, Zustand (React Context & Hooks)
Testing & Quality	Comprehensive E2E (Playwright, Cypress), Unit (Jest, Vitest), Snapshot Testing
Backend & Databases	Node.js (Basic/Utility), SQL (Microsoft SQL Server), Firebase, Supabase
DevOps & Tools	Git/GitHub (Advanced workflows), Sentry (Error Tracking), Mixpanel (Analytics), CI/CD
Advanced Concepts	Server-Side Rendering (SSR), Virtualization, Role-Based Access Control (RBAC), Data Modeling

PROFESSIONAL EXPERIENCE

MyCoverGenius | Lagos, Nigeria

Lead Frontend Engineer | Feb 2023

- Instrumental in Funding Success:** Architected and delivered the foundational, scalable core service application which was a key factor in the company successfully securing its **first \$1.25 Million Pre-Seed funding round**. This involved translating high-level business concepts into a reliable, enterprise-grade technical product under tight deadlines.
- Engineering Leadership & Talent Development:** Provided direct technical and career mentorship for **2 junior to mid-level developers**, fostering a culture of ownership and high-quality code. Established standardized code review and knowledge-sharing processes.
- Advanced Technical Training:** Designed and led specialized internal workshops focused on **advanced data modeling, schema design, and normalized data structuring** to significantly improve data-driven decisions and optimize frontend consumption of complex APIs.

- **Strategic Architectural Migration:** Single-handedly spearheaded the development of the **v2MCA Admin Portal** migration from legacy systems. Leveraged **Nuxt.js** to implement robust Server-Side Rendering (SSR) and state-of-the-art caching strategies, resulting in a **40% reduction in initial load time** for complex insurance data hierarchies.
- **Critical Performance Optimization:** Successfully diagnosed and engineered solutions for critical rendering bottlenecks in high-volume, real-time data dashboards by implementing **advanced virtualization techniques** (e.g., react-virtualized, vue-virtual-scroll). Simultaneously integrated a robust **Role-Based Access Control (RBAC)** system to ensure granular data security and system stability across various user roles (brokers, administrators, underwriters).
- **Quality and Testing Champion:** Drove the cultural shift towards "pure tested solutions" by championing and standardizing the adoption of automated end-to-end testing with **Playwright** and unit testing with **Vitest**, leading to a measurable **75% reduction in production-level regression bugs**.

Mycover.ai | Lagos, Nigeria

Frontend Engineer | *Nov 2022*

- **Design System Architecture:** Conceptualized, designed, and developed a **custom, organization-wide UI Component Library** (Design System) from the ground up, utilizing modern framework-agnostic principles. This initiative standardized the user experience, enforced visual consistency, and dramatically increased overall developer velocity and component reuse.
- **Global Performance Engineering:** Designed and executed a comprehensive **Content Delivery Network (CDN)** strategy for static assets and media files, resulting in substantial improvements in website loading times, especially for users in geographically diverse regions.
- **Cross-Functional Product Delivery:** Maintained deep collaboration with Product Managers, UX Designers, and Backend Engineers to accurately define customer requirements and rapidly develop, test, and deploy robust technical solutions that met market demands.

MyCoverGenius (Initial Role) | Lagos, Nigeria

Frontend Engineer | *Nov 2022*

- **Core Product Development:** Significantly enhanced and delivered user-facing digital solutions specifically designed to make complex insurance products universally accessible, regardless of geographical location, adopting a modern, mobile-first, tech-forward approach.
- **Resource and Cost Optimization:** Collaborated directly with project managers and finance teams to implement efficiency-driven development strategies, leading to measurable cost savings in cloud resources and optimizing development timelines.

Hourspent | Onsite - Lagos

User Interface Designer / Frontend Developer | *Aug 2020 – Jun 2021*

- **UI/UX Translation and Fidelity:** Specialized in taking high-fidelity design mockups (e.g., Figma, Sketch) and translating them into fully responsive, cross-browser compatible, and pixel-perfect user interfaces, maintaining absolute fidelity to the original design vision.
- **Transaction Processing Efficiency:** Streamlined the frontend processes for managing and processing financial transactions and data operations, ensuring all submissions were accurately handled and completed within strict established timeframes, thereby improving user trust and operational integrity.
- **Project Resource Management:** Supported project managers in developing implementation strategies focused on development pipeline efficiency, leading to optimization in resource allocation and cost reduction for new feature deployments.

EDUCATION & CERTIFICATIONS

- **B.Sc. (In Progress)** | University of the People | *Jan 2025 – Present*
- **Certificate in JavaScript (Advanced)** | *Linkedin Learning & Udemy*
- **Certificate in Nuxt (Specialist)** | *Udemy, Nuxt Lab*
- **Certificate in React (Advanced)** | *Linkedin Learning & Udemy*