Sarah **Obarhoro**

SOFTWARE ENGINEER

Lagos, Nigeria

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Summary

Lead Frontend Engineer with 4+ years of experience architecting and deploying high-performance web and mobile applications. Proven expertise in leading frontend teams to deliver scalable solutions that drive business growth, evidenced by reducing time-to-delivery by 60% and improving user engagement by 65%. Expert in JavaScript (React, Vue, Node) and mobile development (React Native). Seeking to leverage leadership and full-stack expertise to own complex product initiatives in a dynamic environment.

Technical Expertise

- **Languages:** JavaScript (ES6 +), TypeScript, HTML5, CSS3
- **Frameworks/Libraries:** Vue 3 (Composition API), Nuxt 3, React (Hooks, Context API), React Native
- **State & Data:** Pinia, Vuex, Redux, REST APIs, Firebase Auth
- **Performance:** Code splitting, lazy loading, TTI optimization, GSAP, Framer Motion
- **Back End & Datastore:** Node.js/Express, PostgreSQL, Firestore, MongoDB
- **DevOps & CI/CD:** Docker, GitHub Actions, Vercel, Netlify
- **Methodologies:** Agile/Scrum, Cross-functional leadership, RBAC/security design

Work Experience

Jayco Links LLC.   *Lagos, Nigeria*
Software Engineer   *Dec. 2023 – Present*

- **Rendezvous Luxury Care:**
- Led frontend team to develop an innovative lifestyle platform using Nuxt.js, Vue.js, and Pinia, following best practices for performance optimization (code-splitting and lazy loading) and SEO, achieving 70% load time improvements.
- Collaborated with the UX/UI team to design intuitive user journeys, ensuring a seamless experience across desktop, tablet, and mobile devices and resulting in a 20% increase in user engagement.
- Applied state-of-the-art security principles while building and integrating components for authentication, matchmaking, onboarding, tour booking, and luxury store browsing ensuring protection of sensitive user data for over 1,000 users.
- Implemented RBAC (Role-Based Access Control), real-time search (Algolia), API-connected media uploads, secure authentication systems, and reusable UI components to ensure maintainability and scalability.

- **Payrendr:**
- Automated payroll processing for 50K+ monthly salaries with 99.8% accuracy, reducing manual errors by 60%.
- Developed multi-step company & staff onboarding workflows with RBAC (Role-Based Access Control) enforcement and verification checks to secure sensitive data.
- Minimized support requests by 40% through intuitive payroll dashboard design and user journey optimization.

Tunnels NG   *Lagos, Nigeria*
Lead Frontend Engineer   *Jan 2023 – Present*

- Led a team of 4 frontend developers, establishing coding standards and best practices to ensure consistent, maintainable code across multiple projects.
- Architected and executed reusable component libraries, reducing time-to-delivery by 60% and ensuring UI consistency.
- Collaborated closely with UX/UI designers to translate wireframes into responsive, accessible interfaces—improving user engagement metrics by 65%.
- Enhanced application performance by reducing bundle size by 20% and improving page load times, resulting in a 40% uplift in user retention.
- Integrated CI/CD pipelines (e.g., GitHub Actions/Netlify), streamlining deployments and cutting the length of release cycles.
- Coordinated cross-functional collaboration with backend, product, and QA teams, ensuring on-time delivery of features aligned with business objectives.

Symbi Technologies
Software Engineer

Lagos, Nigeria
Mar 2023 - Apr 2024

- Led 4-person Agile team delivering B2B business suite to 50+ enterprise clients.
- Decreased production bugs by 35% through comprehensive unit/integration testing implementation
- Architected and effected a JWT-based authentication system for 50+ enterprise clients, securing 10K+ daily transactions and eliminating 70% previously identified security vulnerabilities.
- Delivered invoicing and CRM modules using React.js with focus on scalability and maintainability which shortened client processing time by 55%.

Independent Contractor
Independent Software Consultant

Lagos, Nigeria
Jan. 2022 - Dec. 2022

- Delivered 15+ custom web applications for local businesses and startups.
- Improved client conversion rates by 40% and reduced bounce rates by 25%.
- Achieved 98% payment processing success rate through Paystack integration and CORS optimization.
- Eliminated 150+ bugs across multiple client projects, enhancing performance and stability.

Duke Web Tech
Software Developer Intern

Delta State, Nigeria
Jul. 2021 - Dec. 2021

- Collaborated on 2 MVP web apps using HTML, CSS, and JavaScript.
- Optimized application load times by 50% through code optimization and asset management.
- Resolved 50+ QA issues and improved overall product quality by 50%.
- Gained foundation in software testing and quality assurance practices.

Featured Projects

Okan Eats
FOOD ORDERING PLATFORM

- Engineered real-time ordering for 10K+ monthly orders; resolved payment failures to achieve a 98% checkout success rate.
- Implemented dynamic category filters, special instructions UI, and barcode-based reviews; increased order add-ons by 30%.
- Built Cloudinary upload pipelines for product media; accelerated page load speed by 60%.
- **Tools:** React.js, Cloudinary, Firebase, Tailwind CSS
- **Link:** okaneats.com.ng

Memorial Web App
SOCIAL PLATFORM

- Built a tribute-sharing platform using React and Swiper.js with real-time image/video uploads and interactions.
- Implemented Supabase backend for media storage and content querying.
- Enabled pagination and sorting (newest, most liked, oldest) for user-generated content.
- **Tools:** React.js, Swiper.js, Supabase, Tailwind CSS
- **GitHub:** memorial-app-vert.vercel.app

K & A Dispatch Landing Page
B2B LOGISTICS PLATFORM

- Crafted a multi-page website for B2B/B2C logistics using React + Tailwind.
- Integrated GSAP animations and EmailJS for smooth forms and transitions.
- Optimized load times by 50% with lazy loading.
- **Tools:** React.js, Tailwind CSS, GSAP, EmailJS
- **Link:** kadispatchbusiness.com

Publications

nero.hashnode.dev
FOUNDER & TECHNICAL WRITER

Hashnode
Jan. 2023 – Present

- Published technical articles on frontend development, JavaScript fundamentals, and API design.
- Featured Articles:
    - A Beginner's Guide to Understanding the Basics of CSS Positions
    - REST APIs

Certifications

Education

Delta State University

B.A. in English and Literary Studies

Abraka, Nigeria

Sep. 2014 - Sep. 2018

Languages

English   Native proficiency – BA in English and Literary Studies. Fluent in speech, writing, and comprehension.