

# JASON DAGANA

Frontend Software Engineer | React | Next.js | TypeScript

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## SUMMARY

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Software engineer with a keen eye for design and user experience, and a strong grasp of system architecture. Experienced building and shipping production-ready web applications using React, Next.js, and TypeScript, with a focus on writing clean, maintainable code that scales within collaborative engineering teams. Looking to join a SaaS or B2B team. Ideally one building products with real impact in African markets or contributing to the open source ecosystem.

## TECHNICAL SKILLS

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- **Languages:** JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3
- **Core Technologies:** React, Next.js, Node.js, PostgreSQL
- **Frontend Engineering:** Responsive Design, TanStack Query, TanStack Table, State Management, Performance Optimization
- **Backend & APIs:** REST API Integration, JWT Authentication, Database Design, API Contract Collaboration
- **Tools & Practices:** Git/GitHub, Debugging, Production Deployment, Paystack Integration

## PROJECTS

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*Nigerian Railway Corporation (NRC) — Booking Platform & Admin Dashboard* | [nrc-fane.ng](http://nrc-fane.ng) 2025

Client project delivered during internship | Tech stack: Next.js, TypeScript, Tailwind CSS, TanStack Query, REST API

- **Built a server-synchronized seat reservation countdown system** that maintains booking consistency across concurrent users on multiple devices which is a critical correctness requirement for a live national ticketing platform.
- **Designed and implemented the Booking Control admin module** from scratch, giving operations staff real-time control over booking windows and seat hold policies without requiring engineering intervention.
- **Developed a full audit logging interface** surfacing a traceable record of all configuration changes, enabling accountability across the administrative team.
- **Built paginated, filterable data tables** using TanStack Table to handle large dynamic API datasets for operational monitoring, keeping the interface performant as data volume grows.
- **Partnered closely with backend engineers** to define API contracts and work through integration edge cases before they reached production.

*NewsBridge AI* | [www.newsbridgeai.com](http://www.newsbridgeai.com) 2025

Source code: [GitHub](#) | Tech stack: React, TypeScript, Next.js, TanStack Query

- **Implemented a Backend for Frontend (BFF) authentication layer**, handling secure session management and token refresh logic between the client and backend to support the platform's authenticated dashboard flows.
- **Led frontend development** on a platform connecting journalists with African communities. I built authenticated dashboard flows from design mockup to deployed feature, in close collaboration with the UI designer.
- **Integrated backend APIs and a WhatsApp chatbot** for anonymous reporting, with real-time data synchronization ensuring reporters see up-to-date submissions without manual refresh.

*Olclare Homes* | [www.olclarehomes.com](http://www.olclarehomes.com) 2025

Tech stack: React, Next.js, Tailwind CSS

- **Collaborated with another developer** to translate designs into a fully responsive, production-ready real estate website with pixel-accurate implementation across breakpoints.
- **Delivered a polished client-ready web presence** that met both usability standards and the client's brand requirements on schedule.

EXPERIENCE

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Frontend Software Engineer

Feb 2025 – Aug 2025

Web Development Agency | Internship

- Contributed to over 3 live client products across the internship, shipping production-ready frontend features using React and Next.js from initial implementation through API integration and deployment.
- Worked within a cross-functional team of 15+ — collaborating daily with product managers, business analysts, product designers, backend engineers, and QA testers to move features from spec to production.
- Operated within a structured PR and code review workflow, consistently receiving and incorporating feedback that improved component architecture and code quality across a shared codebase.
- Navigated real product constraints — ambiguous requirements, backend dependencies, and shifting priorities — while maintaining delivery standards across concurrent projects.

EDUCATION

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BSc in Pure and Applied Mathematics

2017 – 2022

Niger Delta University, Bayelsa State, Nigeria