JASON DAGANA

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SUMMARY

Software engineer with a strong mathematical and algorithmic foundation and a well mentored, independently developed technical skill set. One year of professional experience building web applications using React, Next.js, Node.js, TypeScript, and PostgreSQL, with strong enthusiasm for problem solving, rapid learning, and delivering well structured, reliable software solutions.

EDUCATION

BSc in Pure and Applied Mathematics   **2017 - 2022**

Niger Delta University, Bayelsa State, Nigeria.
- *Relevant Coursework: Algorithms, Data Structures, Statistical Analysis, Discrete Mathematics*

EXPERIENCE

Frontend Developer (Internship)

Teflon Hub Limited   **Feb 2025 - Aug 2025**
- Collaborated closely with frontend teams to rapidly deliver responsive user interfaces across multiple projects.
- Led end to end development of key feature modules, from design through deployment, with strong ownership and delivery focus.
- Worked with backend teams to efficiently debug API endpoints and resolve integration issues.
- Efficiently supported senior developers by adhering to industry best practices and coding standards, incorporating feedback from regular code reviews and mentorship.

PROJECTS

Olclare Homes - *Available at* **www.olclarehomes.com**   **2025**

Project source code available on **GitLab** | Tech stack: ReactJs, NextJs,Tailwind CSS
- Contributed to frontend development of a professional real estate website by converting UI designs into responsive, production ready web layouts.
- Collaborated with the team to deliver a polished, client ready web presence aligned with project requirements and user experience standards.

NewsBridge AI - *Available at* **www.newbridgeai.com**   **2025**

Project source code available on **GitHub** | Tech stack: ReactJs, TypeScript, NextJs, TanStack Query
- Led frontend development of a project supported by the Centre for Journalism Innovation and Development and the Nigeria AI Collective, collaborating closely with the UI designer to develop the end-to-end frontend connecting journalists with African communities with dashboard authentication
- Integrated backend APIs and WhatsApp chatbot for anonymous reporting with real-time sync.

HouseConnect - *Demo available at* **https://housesconnect.vercel.app/**   **Aug 2025-Present**

Project source code available on **FrontendGithub** and **BackendGitHub** | Tech stack: ReactJs, NextJs, Express, PostgreSQL, Paystack
- Built MVP with role-based access, payment integration, and admin tools;under active development.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3
- **Frontend:** ReactJs,NextJs, Tailwind CSS, TanStack Query, Responsive Design
- **Backend:** NodeJs,ExpressJs, RESTful APIs,PostgreSQL, JWT Authentication
- **Others:** Git/GitHub, pgAdmin, Paystack Integration, API Design, Database Normalization, Debugging