

John Udoumoh

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github.com/udoumoh

Education

Covenant University, B.Eng in Computer Engineering July 2018 – July 2023

- **Coursework:** C programming, Embedded Systems Design and Programming, Computer Architecture

Experience

Frontend Engineer, Greynote – Lagos, Nigeria October 2023 – Aug 2025

- Spearheaded the frontend engineering for three core edutech products; student, parent, and sales applications at a rapidly scaling startup.
- Designed and implemented a high-performance, optimized frontend stack leveraging React, Next.js, Zustand, GraphQL, and React Query; employed advanced techniques including strategic caching, optimistic UI updates, code splitting, and server-side rendering (SSR) to ensure exceptional speed and scalability.
- Developed responsive, user-centric interfaces for critical functionalities such as dynamic school dashboards, an intricate invoice management system, and interactive media content, enhancing overall user engagement and operational efficiency.
- Established robust development practices through comprehensive unit and integration testing with Jest, managed version control with Git/GitHub, and consistently delivered intuitive user experiences by translating complex requirements into elegant UI/UX designs.

Frontend Engineer Intern, The Boolean Technologies – Abuja, Nigeria April 2022 – September 2022

- Contributed to the development and optimization of user-facing features for a large-scale product, gaining hands-on experience with production-grade React within a complex, highly performant codebase.
- Collaborated closely with senior engineers and cross-functional teams (UX, Backend, Product) on design, implementation, and rigorous code reviews, fostering a deep understanding of scalable architecture, accessibility standards, and user-centric development.
- Applied best practices in performance optimization, A/B testing, and debugging complex distributed systems, building foundational skills in delivering high-quality, impactful web applications for millions of users.

Projects

Roommate and apartment matchmaker Github-repo

- Developed a full-stack PropTech application, "The Hectre," for roommate matching and apartment listings, utilizing a Turborepo monorepo, Node.js, RESTful APIs, Prisma, PostgreSQL, Zod, React, Zustand, and Cloudflare R2 for scalable image management, alongside features like sublet/co-renting advertisements and a landlord referencing system.

SME E-commerce & Payment Platform Github-repo

- Developed a comprehensive vendor dashboard for inventory management, order tracking, and sales analysis, featuring intuitive multi-stage onboarding/product upload forms to reduce drop-off, and integrated key eCommerce functionalities like voucher redemption and real-time product display.

Technologies

Languages: Typescript, Javascript, Python, C++ , Java, HTML, CSS

Technologies: Next.js, React.js, Node.js, GraphQL, Git, Docker, Linux, AWS, MySQL, MongoDB, PostgreSQL, TailwindCSS