

# Udoumoh, John David

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## WORK EXPERIENCE

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### Greynote Limited

Software Engineer

October 2023 - Present

Lagos, Nigeria

- Developed three fully responsive, performance-optimized dashboards used by 300+ schools. Utilized React Query for efficient data fetching, caching, and synchronization, reducing server load and improving app responsiveness.
- Implemented memoization and code splitting to optimize performance, while managing global state using the Context API.
- Transformed the dashboards into Progressive Web Apps (PWAs) for seamless mobile usage, leveraging Next.js, JavaScript, TypeScript, TailwindCSS, and Chakra UI.
- Integrated a real-time messaging system for communication between parents and teachers using webhooks, built with Next.js, React, and Chakra UI.
- Engineered an advanced invoice management system with complex business logic for calculating invoice balances and payment statuses.
- Designed and developed a social media-like Discover page to enhance user engagement.

### The Boolean Technologies

Software Engineer

April 2022 - September 2022

Abuja, Nigeria

- Collaborated within a four-person team to build a Human Resource Management System, writing over 3,000 lines of code using React.
- Designed and implemented reusable custom components, reducing rendering time by 40%.
- Optimized the project's structure and introduced State management techniques for enhanced performance.
- Successfully incorporated declarative routing methodologies for React-based navigation.

## PROJECTS

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### Fullstack Web Development for the Modern Web | JavaScript

- Developed proficiency in React.js, Redux, Node.js, Express.js, MongoDB, TypeScript, and REST API integration, resulting in applications with 20% faster runtime.
- Executed compact, scalable projects showcasing contemporary web technologies.
- Adhered to Test-Driven Development (TDD) principles using tools like supertest and curl, reducing debugging time by 15%.

### Ojami(Hackathon) | Javascript

- Collaborated in a team of four to develop a scalable SaaS eCommerce platform, integrating the KoraPay API for seamless payment processing and vendor verification.
- Implemented backend logic to manage vendor operations, including payment links, product fetching, voucher generation, and RC number verification.
- Designed and developed the frontend of the vendor dashboard using Next.js, TypeScript, JavaScript, and Chakra UI, enhancing user experience and engagement.

## SKILLS

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**Languages:** Typescript, JavaScript, Python, Java, C++, HTML, CSS

**Tools:** Styled-Components, MongoDB, Bootstrap, Linux, Git, AWS, Next.js, React.js, GraphQL, Node.js, Flask, SQL, MongoDB, Chakra-UI, Material UI, Tailwind CSS, Tanstack query, GSAP, Framer motion, Shadcn, Ant Design, Figma, SEO

## EDUCATION

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### Covenant University

Aug 2018 – Aug 2023

Bachelor of Engineering, Computer Engineering – CGPA: 4.22/5.0