

# NICHOLAS EMMANUEL

Front-End Engineer. Lagos, Nigeria

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## Summary

Highly motivated Software Engineer with 3+ years of experience building innovative web applications. Proven ability to design and implement accessible, user-friendly interfaces and leverage trending technologies to create scalable solutions. As a passionate introvert, I love building things with code.

## Skills

- **Languages:** JavaScript, TypeScript, Python, Java, Go, HTML/CSS, SQL
- **Developer Tools:** VS Code, IntelliJ, Postman, Google Analytics, Google Search Console, Git, Algolia Search, Vercel
- **Technologies/Frameworks:** GitHub, React.js, Next.js, Firebase, Express.js, PostgreSQL, MongoDB, RtkQuery, HTMX, Docker, Kafka, Redux, Zustand, Drizzle ORM.

## Experience

### Atop Web Technologies

Mar 2023 — June 2024

Software Engineer Intern

Stockholm, Sweden (Remote)

- Enhanced application efficiency by **35%** by designing **over 30 React** components, utilizing Redux for state management and Firebase for backend services. This contributed to the successful onboarding of **43 active** studio owners during the initial launch phase of Scorebox.
- Achieved close to **70%** reduction in execution time and improved operational efficiency by integrating **server-side** workflows using Firebase **Cloud Functions**, seamlessly incorporating **REST APIs**.
- Reduced development cycle time by collaborating with a team of **2 developers** and a team lead, ensuring seamless operation and continuous improvement of the Scorebox application.

### Taaleem

June 2022 — Sep 2023

Frontend Engineer

Casablanca, Morocco (Remote)

- Designed and implemented a comprehensive educational system using **Next.js** and **Nest.js**, integrating a user-friendly UI and accessible design, which boosted educational participation.
- Developed a customized admin panel to enhance transparency and streamline the learning process, reducing time spent on administrative tasks.
- Utilized **auto-grading** tools to automate quizzes and assessments, providing students with real-time feedback and improving the learning experience.

### Xoommit

Nov 2021 — April 2022

Frontend Developer Intern

Cruzeiro do Sul, Brazil (Remote)

- Drove online traffic by implementing and enhancing the company's official website using **SeoClarity SEO**, establishing a strong online presence.
- Improved the company's search engine rankings using **SeoClarity SEO** techniques, leading to the deployment of SEO analysis tools and a **Generative AI assistant**.
- Collaborated with **Backend**, **DevOps teams**, and **project manager** to develop new products and services. Used **Next.js**, **GraphQL**, and **WordPress** to successfully implement these initiatives, enhancing project efficiency.

## Education

### University of the People

September 2023 - to date

Bachelor of Science in Computer Science

California, USA

Dean's Honors List: Spring 2024 (Top 15%) - **CGPA: 3.75**

### Microverse

May 2022 - Dec. 2022

Full-Stack Web Development • [Certificate](#)

Remote Bootcamp

## Projects

[Buggo](#) | Next.js, Redux, Express.js, MongoDB, TypeScript

May 2023

- Developed a real-time bug-tracking application that centralizes issue creation, collaboration, and management and implemented advanced filtering and search functionalities to reduce bug resolution time by **20%**.
- Implemented robust user authentication using **Express.js** and **MongoDB**, ensuring project/ticket authorization.
- Empowered data-driven decisions by providing project/ticket statistics, enabling faster workflow optimization and an innovative chat solution to provide a comprehensive coverage and insights across disciplines.

**Fresh-Diamond Exchange** | *Next, SanityCMS, Redux*

**Oct 2023**

- Built a gift card platform replicating Binance's core functionalities and a Redux-powered data statistics.
- Implemented secure user login and **OTP** authentication using Sanity CMS for a seamless trading experience and order confidentiality.
- Engineered a dynamic and effective use of **SQL** queries establishing using Redux to enable real-time updates and a smooth payment.

**Snap Market** | *Next.js, Drizzle ORM, Typescript, Postgresql, Zustand*

**June 2024**

- Built an e-commerce platform with core functionalities using cutting edge technologies and an AI-powered search and secure payment integrations
- Implemented a robust backend using **Drizzles ORM** with **NEON** and **Postgresql** to ensure fast data persistence and scalability.
- Integrated secure Google and Github authentication for a frictionless user experience and enhanced data security.