

# NICHOLAS EMMANUEL

Software Engineer. Lagos, Nigeria

🌐 [techieemma.com](https://techieemma.com) ✉ [nicholasemmanuel321@gmail.com](mailto:nicholasemmanuel321@gmail.com) 💼 [linkedin.com/in/techieemma](https://linkedin.com/in/techieemma) 📄 [github.com/nickemma](https://github.com/nickemma)

## Summary

Innovative Software Engineer Nerd with 3+ years of experience. Proven ability to design and implement accessible, user-friendly interfaces and leverage trending technologies to create scalable solutions. Passionate Coder and Tech Enthusiast, I love building things with code.

## Skills

- **Languages:** JavaScript, TypeScript, Python, Java, Go, HTML/CSS, SQL
- **Tools & Technologies:** VS Code, IntelliJ, Postman, Google Analytics, Git/Github, Vercel, Trello, ESLint, Jest, GitHub Actions, Docker, AWS, Webpack, Babel, Figma, Slack, Google Cloud Platform, Swagger
- **Frameworks:** Node.js, React, Next.js, Angular, Firebase, Express.js, RtkQuery, HTMX, Redux, Zustand, Neon ORM, Prisma ORM, OAuth, Clerk.
- **Database:** Postgresql, MongoDB, Redis, Neo4j

## 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.
- We achieved nearly **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

President's Honors List: Spring 2024 (Top 15%) - **CGPA: 3.85**

### 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 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 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.

**ScoreBox** | *Next.js, Firebase, Typescript, Node.js, Redux*

**June 2024**

- Built an event streaming platform with core functionalities using cutting-edge technologies and an AI-powered search and secure payment integrations
- Implemented a robust backend using **Firebase** with **Cloud functions** to ensure fast data persistence and scalability.
- Integrated a multi-step secure authentication for a frictionless user experience and enhanced data security.