

NICHOLAS EMMANUEL

Lagos, Nigeria

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EDUCATION

San Francisco Bay University

Fremont, California

B.Sc. in Computer Science

Expected Graduation, Jan 2027

- o **Concentrations:** Intelligence and Modeling/Simulations
- o **GPA:** 3.92 /4.00, *Dean's List*
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Web Development & Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Mobile Applications

EXPERIENCE

Atop Web Technologies

Stockholm, Sweden (Remote)

Jr Software Engineer Intern

May 2023 – June 2024

- Created efficient React components and utilized Redux for state management, optimizing application performance data from Firebase Cloud Functions.
- Developed pipelines using Firebase Cloud Functions and REST APIs, enabling faster data persistence and real-time updates.
- Collaborated with cross-regional teams to deliver a dashboard that enhanced user insights, increasing engagement and displaying real time metrics

Taaleem

Casablanca, Morocco (Remote)

Frontend Engineer (Contract)

Jan 2023 – Mar 2023

- Utilized Next.js to develop efficient algorithms to optimize resource flow within simulation environments, while also creating dynamic virtual classroom modules and analytics dashboards to track real-time student progress.
- Built a comprehensive educational platform and graphical user interface in next.js to allow the users to visualize the results and increased student enrollment by 25%.
- Designed an admin panel for administrators, reducing manual processing tasks by leveraging PostgreSQL and Redux.

Xoommit.com

Cruzeiro do Sul, Brazil (Remote)

Frontend Developer Intern

Apr 2022 – Jan 2023

- Designed stacks in Next.js and GraphQL to develop efficient front-end features for new products and services.
- Enhanced SEO and analytics tracking, boosting website traffic by 40% and improving brand visibility.
- Integrated AI-powered tools into the platform, reducing overall project delivery timelines by 75%.

PROJECTS

Taaleem

Casablanca, Remote

Team Member

Jun 2023 – July 2024

- Developed a robust learning management system (LMS) using Next.js, PostgreSQL, Redux, and Tailwind CSS to support course creation, delivery, and assessment.
- Implemented virtual classrooms and analytics dashboards, enabling educators to track student progress and improve remote learning outcomes.
- Delivered a user-friendly platform that streamlined course management for educators and institutions.

ScorebBox

Stockholm, Sweden

Team Lead

May 2023 – June 2024

- Built a scalable event streaming platform using Next.js, Firebase, TypeScript, Node.js, and Redux.
- Designed a robust backend with Firebase Cloud Functions for fast data persistence and real-time updates.
- Enhanced user experience with AI-powered search, secure payment integration, and streamlined authentication.

Kinox Original

Sterling, Virginia

Team Member

Nov 2022 – Jan 2023

- Developed a high-performance e-commerce platform for the fashion industry using React, Redux, Sanity CMS, TypeScript, and MongoDB.
- Integrated payment gateways to ensure a seamless shopping experience, handling 10% of monthly transactions.
- Designed a user-friendly interface and scalable backend infrastructure, boosting customer satisfaction and sales.

ACTIVITIES AND LEADERSHIP

Tech Leap Association

Lagos, Nigeria

Vice President

Aug 2024 – Current

- Leader of an organization of 100+ members, mentoring in frontend development and organizing workshops to enhance technical skills and community impact.

Community Star Award

San Francisco, California

Student Mentor for CS 2340 (Web Development)

Aug 2022 – Jan 2023

SKILLS

Programming: Go, JavaScript, HTML/CSS, Node.js, React.js, TypeScript, Next.js, Firebase, PostgreSQL, MongoDB, Prisma ORM, tailwind css, Redis, DynamoDB

Tools: AWS, Git, Docker, Google-Cloud, Agile, vscode