

CHRISTIAN OGUNLEYE T.

Software Engineer | Full Stack & Backend

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PROFILE

Mathematics graduate and self-driven Full Stack Engineer with over a year of hands-on experience building production-ready web applications. Specializes in React, TypeScript, and Node.js on the frontend and backend, with additional training in Python, Java and Go for backend and AI/ML workflows. Completed the University of Helsinki Full Stack Open program with a grade of 5, the highest possible. Seeking a Junior, Graduate, or NYSC engineering role to contribute to a production-scale team.

EXPERIENCE

Backend Engineering Intern — Spraditech

Jan 2026 – Present

- Building server-side applications and RESTful APIs using Python and Node.js, with structured training in Java and Go for high-performance backend services.
- Designing and querying relational (PostgreSQL, MySQL) and non-relational (MongoDB) databases, applying clean schema design and query optimization principles.
- Gaining foundational exposure to AI/ML workflows including data preparation, NumPy, Pandas and scikit-learn as part of a structured machine learning curriculum.
- Utilizing AI development tools daily to accelerate learning velocity, improve code quality, and prototype solutions faster.

Frontend Development Trainee — Tech Master Institute

Apr 2024 – Apr 2025

- Built responsive, performant UIs using React and Tailwind CSS for multiple client-facing web application projects.
- Integrated REST APIs into frontend components, managing asynchronous data flows, global state synchronization, and UI error handling.
- Collaborated using Git and GitHub for version control, code reviews, and agile-style workflow tracking across projects.

PROJECTS

GigTax — Freelance Tax Calculator

Next.js 15, TypeScript, Tailwind CSS, shadcn/ui, Vercel

- Built and launched a free freelance tax calculator covering 53+ countries at gigtax.xyz, currently under Google AdSense review.
- Implemented full SEO infrastructure including `sitemap.ts`, `robots.ts`, JSON-LD structured data, canonical tags, and `generateStaticParams` for static generation.
- Added Vercel Analytics and Speed Insights for performance monitoring post-launch.

Chef Claude — AI Recipe Generator

React, TypeScript, Anthropic Claude API

- Built a web application that takes user-provided ingredients and generates full recipes in real time using programmatic calls to the Anthropic Claude API.
- Engineered prompt templates to ensure consistent, structured recipe output, learning that reliable AI integration requires as much prompt engineering as code.

TaskFlow — Full Stack Task Management Platform

React, TypeScript, Redux Toolkit, React Query, Node.js, Express, MongoDB, JWT

- Designed and built a complete full stack task management application with user authentication, project creation, task tracking, comments, and a responsive dark-mode dashboard.
- Engineered a secure REST API with Node.js and Express implementing JWT-based authentication, role-based task assignment, and Mongoose schemas for data persistence.
- Deployed to production on Render, serving the React frontend as static files from the Express backend with zero downtime.

GitHub Repository Browser — Cross-Platform Mobile App

React Native, Expo SDK 54, GraphQL, Apollo Client v3, Formik, Yup

- Built a cross-platform mobile and web app to browse GitHub repositories using the GitHub GraphQL API with Apollo Client v3 and custom query hooks for efficient caching.
- Resolved complex Windows/Metro bundler ESM scheme errors and nvm-windows path conflicts to ensure reliable cross-platform builds.
- Integrated react-router-native navigation with Formik and Yup form validation for authentication flows.

EDUCATION

B.Sc. Mathematics — Lagos State University (LASU), Ojo 2021 – 2025

GPA: 3.41 / 5.0 · Relevant coursework: Data Structures, Numerical Analysis, Mathematical Logic, Computational Methods, Linear Algebra

Full Stack Open — University of Helsinki (Online) May 2025 – Present

Grade: 5/5 (highest possible)

Certifications: Full Stack (7 ECTS), TypeScript (1 ECTS), GraphQL (1 ECTS), React Native (1 ECTS) · Modules: React, Node/Express, Testing, CI/CD, GraphQL, TypeScript, React Native

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Go (training), Java(training), HTML/CSS

Backend: Node.js, Express, GraphQL, REST API design, JWT auth, PostgreSQL, MongoDB, MySQL

Frontend: React, Next.js, React Native, Expo, Redux Toolkit, React Query, Tailwind CSS, shadcn/ui, Zod

AI & Data: Anthropic Claude API, Gemini API, Pollinations AI, Whisper, NumPy, Pandas, scikit-learn (training)

DevOps & Tools: Git, GitHub, Postman, Vercel, Render, Firebase, Apollo Client, Docker (learning)

Testing & Concepts: Vitest, Jest, Playwright, React Testing Library, DSA, System Design, OOP, SDLC