

# Edward Ephraim Gemadzi

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## Professional Summary

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Full Stack Developer with hands-on experience building production-grade web applications using React, TypeScript, Next.js, Node.js, and PostgreSQL. Proven ability to architect and ship complete platforms end-to-end — from secure payment integrations and double-entry financial systems to real-time member portals and automated reporting pipelines. Skilled in API development, database design (Prisma, Supabase, Neon), and modern deployment workflows. Combines deep technical ownership with a product mindset to deliver reliable, scalable solutions.

## Key Skills

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- **Frontend:** React.js, Next.js 15 (App Router), TypeScript, HTML, CSS, JavaScript, TailwindCSS, Bootstrap, Responsive UI/UX, PWA
- **Backend:** Node.js, Express.js, tRPC, RESTful APIs, Prisma ORM, PostgreSQL, Supabase, MongoDB, Data Modelling
- **Auth & Payments:** Clerk, JWT, bcrypt, HTTP-only cookies, Role-Based Access Control, Paystack API (webhooks, HMAC-SHA512)
- **Tools:** VS Code, Git, GitHub, Postman, Vite, Vercel, Neon, Supabase Dashboard, MongoDB Compass, AI-assisted development workflows
- **Other Tools:** Microsoft Power Automate, FLEXCUBE, Swift, Western Union, IBPS
- **Other Strengths:** Problem Solving, Team Collaboration, Time Management, Financial Systems

## Projects

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- **APSU 16 Member Portal** — Full-stack alumni portal for St. Augustine's College Past Students Union (Year Group 2016), live at [apsu16.com](https://apsu16.com). Built with Next.js 15 App Router, Supabase, Clerk auth, and TailwindCSS. Features OTP email login, member profiles and directory, live fundraising project tracker with Paystack-backed progress data, PWA manifest for mobile install, and real-time sync with the organisation's finance system. Deployed on Vercel. Visit: <https://apsu16.com/>
- **GroupFund** — Committee treasury platform for APSU 16. Built with Next.js, tRPC, Prisma, and Neon (PostgreSQL). Features a double-entry general ledger, fundraising drive management, Paystack payment integration with HMAC-SHA512 webhook verification and automatic GL posting, automated monthly finance report PDFs emailed to the Treasurer and President, fraud detection scoring, member contribution tracking, and granular role-gated access (President / Treasurer / Secretary). Designed to scale to multi-chapter organisations.
- **Leave Management App** — Built with Next.js, TypeScript, and MongoDB, this app allows team leaders to manage leave requests and schedules. Includes role-based access control, calendar integration, and a clean responsive UI. **Visit:** <https://leave-manager-one.vercel.app/>
- **Job Recruitment Platform** — Developed a MERN stack app with secure authentication, user profiles, job posting/listing with filtering, and notifications. Integrated protected routes and user session persistence.
- **Bakery Website** — Created a MERN stack website with admin dashboard for managing content and orders. Implemented authentication and product management features.
- **Weather App** — Developed a JavaScript-based weather app using WeatherAPI and MapTiler integrations, displaying weather data interactively with [Globe.gl](https://globe.gl).
- **Netflix Homepage Clone** — Frontend design practice project built with HTML and CSS, focusing on UI structure and responsiveness.

## Professional Experience

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### Full Stack Developer(Freelance) Independent

Jan 2025 – present

- Designing and building production web applications end to end — database, API, auth, and UI.
- Leave Manager: team leave planning platform with role-based dashboards, SSE real-time updates, and 60+ active users.
- APSU 16 ([apsu16.com](https://apsu16.com)): alumni member portal with OTP auth, Paystack integration, PWA support, and 200+ verified members.
- GroupFund: double-entry accounting platform with segregation of duties, Paystack webhooks, and automated monthly finance reports.

## **Full Stack Developer(Intern) Edureka.**

Jan 2025 – July 2025

- Built and deployed a **Job Recruitment Platform** with secure user authentication, profile management, and job posting features.
- Developed and deployed a **Weather App** using MERN stack and API integrations (WeatherAPI, MapTiler).
- Created UI/UX projects including a **Netflix homepage clone** for responsive design practice.
- Implemented secure backend authentication with bcrypt and HTTP-only cookies.
- Managed deployment workflows, API integrations, and GitHub project repositories.

## **Support Specialist Yango Ghana LTD**

August 2022 – Present

- Resolved over 40,000 customer support inquiries with a 93% satisfaction rate.
- Trained new staff members and provided continuous support to both day and night shifts, assisting in complex customer issues.
- Assisted in data entry for AI-based customer response systems, improving accuracy and efficiency.
- Improved operational efficiency through effective communication and issue resolution.

## **Internal Controller Ecobank Ghana LTD**

Oct 2020 – Dec 2021

- Monitored system access across multiple regions and resolved daily operational issues.
- Led a 3-month document retrieval project improving compliance and data management.
- Conducted branch audits to ensure adherence to internal control standards.
- Trained employees on internal control practices and conducted system checks to maintain organisational security.

## **Education**

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**BACHELOR OF ARTS (B.A.) IN ECONOMICS AND PHILOSOPHY  
UNIVERSITY OF GHANA, LEGON  
GRADUATED: 2020**

## **Additional Strengths**

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- **Strong understanding of UI design fundamentals**
- **Proactive problem solver and self-learner**
- **Effective communicator in remote, collaborative teams**
- **Focused on building scalable and secure applications**