

# AHMAD YAKUBU AHMAD

Full Stack Software Engineer

GitHub: <https://github.com/engraya>

Portfolio: <https://engrahmadaya.vercel.app/>

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## PROFESSIONAL SUMMARY

Fullstack Engineer with 3+ years of experience building scalable, high-performance web applications using **React, Next.js, Node.js, and TypeScript**, with strong expertise in **AI-powered systems and modern developer tooling**.

Specialized in integrating **LLMs (OpenAI, Gemini)** into real-world applications, building **intelligent automation workflows**, and leveraging **AI-assisted development tools (Cursor, Copilot, Claude Code)** to accelerate delivery and improve code quality.

Strong focus on **performance optimization, clean architecture, and scalable system design**, with hands-on experience in cloud infrastructure and DevOps.

## CORE SKILLS

**Frontend:** React, Next.js, TypeScript, Tailwind CSS, Material UI, ShadCN

**Backend:** Node.js, Express.js, Django, REST APIs, GraphQL

**Databases:** PostgreSQL, MySQL, MongoDB, SQLite

**Tools:** Git, GitHub, Bitbucket, Webpack, Babel

### **AI & Modern Development:**

LLM Integration (OpenAI, Gemini), Prompt Engineering, RAG Concepts, AI Automation, AI-Assisted Development (Cursor, GitHub Copilot, Claude Code)

### **DevOps & Cloud:**

Docker, CI/CD, AWS, Vercel, Railway, Render, Digital Ocean

### **Engineering Practices:**

System Design, Performance Optimization, Testing, Code Quality (SonarQube), API Design

**Other:** Authentication (JWT, OAuth), Performance Optimization

## HOW I WORK

- Remote-first & async — Written specs, decisions, and updates so teams stay unblocked; real-time overlap when needed.
- Ownership — Take features from ambiguous brief through production: clarify requirements, ship in small slices, monitor, and follow up after release.
- Code quality — TypeScript, automated tests, CI gates (e.g., SonarQube, ESLint); PRs with clear context, small diffs, and explicit trade-offs.
- Collaboration — Work with backend, design, and product; constructive reviews, pairing when useful.
- Performance & accessibility — Measure first (Core Web Vitals, bundles, a11y); fast, inclusive interfaces by design.
- Continuous improvement — AI-assisted workflows, RFCs for non-trivial decisions, retros to compound learning.

## AI & DEVELOPMENT WORKFLOW

Use modern AI—models, assistants, and automation—to ship faster without sacrificing architecture, tests, or user experience.

- LLM integration — GPT-class and Gemini APIs in production: prompts, streaming, guardrails, cost-aware usage.
- AI-assisted development — Cursor, GitHub Copilot, Claude Code for faster delivery and cleaner refactors.
- Prompt & context design — Reusable patterns, JSON/tool calling, structured outputs; validate before release.
- RAG & grounding — Embeddings, retrieval, and citations so answers stay accurate and trustworthy.
- Automation — CI hooks, codegen, and internal tools to remove repetitive work.
- UX for AI features — Clear expectations, graceful failures, loading states, and humans in the loop.

## PROFESSIONAL EXPERIENCE

*Frontend Developer (Fulltime)*

Jun 2025 – Apr 2026

**DAXAP AS**

- Developed modern, responsive user interfaces using **React and Next.js** for production-grade applications
- Translated complex UI/UX designs into reusable, scalable frontend components
- Improved application performance through code optimization, lazy loading, and efficient state management
- Integrated frontend applications with REST APIs and backend services
- Collaborated with cross-functional teams to deliver high-quality features in an agile environment
- Ensured cross-browser compatibility and mobile responsiveness across all products

*Associate Software Engineer (Fulltime)*

Jan 2024 to Jun 2025

**T40 Technologies**

- Developed and maintained scalable web applications using **React.js and Next.js**, improving overall user experience and responsiveness
- Translated UI/UX designs into reusable, high-quality components with pixel-perfect accuracy
- Optimized application performance using modern frontend techniques, improving load speed and efficiency
- Integrated frontend systems with backend APIs, ensuring seamless data flow and functionality
- Conducted debugging, testing, and cross-browser compatibility checks to ensure reliability across devices

*Full Stack Engineer (Contract Consultancy Services)*

Mar 2025 - Apr 2025

**Alpharhythm Investments**

- Designed and developed fullstack applications integrating **AI-powered services** using Node.js and Python
- Built responsive web and mobile interfaces using **React and Next.js**, enhancing user interaction and usability
- Architected and implemented scalable backend systems and REST APIs
- Designed efficient database schemas across **PostgreSQL, MySQL, and MongoDB**
- Deployed and managed cloud-based infrastructure ensuring high availability and security
- Implemented CI/CD pipelines and automated deployments using Docker and modern DevOps tools

*Full Stack Developer (Contract)*

Jan 2025 – Feb 2025

**IAB CODES LTD.**

- Built fullstack web applications using **Next.js, TypeScript, and Node.js**
- Developed RESTful APIs and integrated them with frontend systems
- Implemented authentication and authorization systems using JWT
- Optimized applications for performance across multiple devices and browsers
- Managed deployments and ensured scalability using cloud platforms
- Collaborated with cross-functional teams through code reviews and agile workflows

*Frontend Developer (Contract)*

Sept 2024 – Oct 2024

**Dijix Global Solutions**

- Developed dynamic user interfaces using **React.js and Redux**
- Built reusable and maintainable UI components following modern best practices
- Improved application performance and responsiveness across devices
- Collaborated with designers and backend engineers to deliver production-ready features

*Freelance Fullstack Developer*

2022 to Present

- Delivered end-to-end web applications for clients, from frontend UI to backend APIs
- Built scalable and user-friendly systems tailored to client requirements
- Managed deployments and ensured performance optimization across projects

**EDUCATION**

**B.Eng. Civil Engineering**

2016-2021

**ABUBAKAR TAFAWA BALEWA UNIVERSITY, BAUCHI**

**CERTIFICATIONS**

- Project Management Essentials – Cornerstone OnDemand (2022)
- Digital Marketing Training – GAOTek Inc. (2023)
- Human Resources Training – GAOTek Inc. (2023)
- Digital Security – Cornerstone (2021)
- Jobberman Soft Skills Training – Jobberman (2020)

**PROFESSIONAL MEMBERSHIPS**

- Member, International Association of Engineers (IAENG)
- Member, Nigerian Society of Engineers (NSE)

**ADDITIONAL INFORMATION**

- Strong experience in building AI-integrated applications
- Passionate about scalable system design and modern web technologies
- Active contributor on GitHub with multiple real-world projects