KINGSLEY FREEMAN AKANZU

Junior Software Engineer | Full-Stack & REST API Development | Learning C#/.NET
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PROFESSIONAL SUMMARY

Junior software engineer with 2+ years of hands-on coding experience across backend and full-stack development, backed by 5+ years in IT systems, technical support, and product roles. Built backend services for a school management platform serving 40+ institutions and 100,000+ active users, and cut average API response times by up to 40%. Strong grasp of object-oriented programming in JavaScript and TypeScript, with experience in REST API development, Git-based version control, and debugging production systems. Comfortable working independently in fully remote teams. Currently building C#/.NET Core fundamentals and learning the Autodesk Revit API, with a genuine interest in BIM technologies.

CORE COMPETENCIES

Object-Oriented Programming (OOP) • REST API Development & Debugging • Git & Version Control • Full-Stack Web Development • Independent Remote Work • Analytical Problem-Solving • Fast Technology Adoption • Cross-Functional Communication

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Shell Scripting

Backend: Node.js, Express.js, REST APIs, JWT Authentication, WebSockets, Role-Based Access Control (RBAC)

Databases & BaaS: PostgreSQL, Supabase (Auth, Row-Level Security policies, Edge Functions), MongoDB

Frontend: React, Next.js, Vue, Astro, Vite, Tailwind CSS, Responsive Design, WordPress, SEO Optimization

Payments & Integrations: Flutterwave, Paystack, Third-Party API Integration, CMS Development

DevOps & Deployment: Git, GitHub, Vercel, Render, Linux, Windows Server

IT Systems: Active Directory, Google Workspace, Microsoft 365, Network Administration, System Backup & Recovery, CCTV Configuration

Tools: Postman, Figma, ClickUp, Canva

Product & Process: Agile Workflows, Sprint Planning, Roadmap Development, Stakeholder Communication

Currently Learning: C#, .NET Core, Autodesk Revit API, BIM fundamentals

WORK EXPERIENCE

Junior Full-Stack Developer | Weechoo
Remote | Jan 2026 – May 2026 (5-month contract)

- Led end-to-end development of the company's core platform as the primary engineer, architecting the system from scratch without senior developer oversight.
- Designed and implemented scalable frontend and backend components in TypeScript, JavaScript, and CSS, with a focus on clean architecture and long-term maintainability.
- Reviewed requirements in detail before implementation to catch edge cases and inconsistencies early, and wrote resilient, maintainable code.
- Worked directly with business stakeholders to translate product requirements into technical specifications, features, and deployment-ready code.
- Managed version control, code quality, deployment pipelines, and iterative releases using Git, GitHub, Vercel, and Render.

Junior Product Manager | Skite.co
Nigeria (Remote) | Aug 2024 – Dec 2025

- Coordinated cross-functional teams across design, engineering, and QA to deliver product features on schedule, using ClickUp and Figma for task and workflow management.
- Defined and maintained product backlogs, user stories, and sprint plans, ensuring every requirement was interpreted precisely and aligned with business objectives.
- Facilitated standups, sprint reviews, and stakeholder briefings to keep distributed remote teams aligned.
- Contributed to product roadmap planning and data-informed prioritization to improve user engagement and feature adoption.

Junior Backend Developer / Onboarding Executive | SmartSapp
Accra, Ghana (Hybrid) | May 2023 – Jul 2024

- Architected and deployed a Node.js backend for a school management platform serving 40+ institutions and 100,000+ active users across Ghana.

- Built a secure delegate verification and access-control module for child pickup authorization, applying identity-matching logic and permission checks to safeguard student safety at scale.
- Developed a real-time reporting engine that validated live academic performance and operational data before presenting it to administrators and parents.
- Optimized API architecture and backend performance, reducing average response times by up to 40% and improving platform reliability and uptime.
- Onboarded school staff and parents onto the platform, explaining complex system workflows clearly to non-technical users.

IT Support Intern | Gold Fields Ghana Ltd
Tarkwa, Ghana (Onsite) | *Oct 2022 – Dec 2022*

- Provided frontline technical support for hardware, software, and network issues across a large-scale mining operation.
- Managed user accounts and access permissions through Active Directory under the supervision of senior IT staff.
- Executed regular system backup and data recovery procedures to ensure business continuity and data integrity.

Computing Tutor / IT Technician | Grace Academy
Spintex, Ghana (Onsite) | *Sep 2019 – Oct 2022*

- Developed and deployed the Grace Academy student report portal (erp.graceacademysch.com), enabling digital generation and distribution of academic reports.
- Served as the school's EdTech lead, delivering technical support and platform training for 50+ staff members and parents.
- Resolved hardware, software, and mobile app issues related to digital attendance, delegate management, and parent-school communication.

IT Systems Administrator | Auto Management Services
Tema, Ghana (Remote) | *Sep 2018 – Aug 2019*

- Administered and maintained the company's IT infrastructure, achieving consistently high system availability through proactive monitoring and rapid incident response.
- Managed user accounts, access rights, and permissions across all internal platforms, enforcing security policies and minimizing unauthorized access risks.
- Executed scheduled system updates, security patches, and vulnerability assessments to maintain a hardened, compliant IT environment.

PROJECTS

Portfolio: senacodes.io | Code: github.com/Ironsyde-tech

- **Grace Academy ERP Portal**: student report portal (React, Supabase) with separate staff, parent, and student access, letting teachers generate and distribute reports digitally. Live: erp.graceacademysch.com
- **Twined**: companion app for couples and best friends with shared activities, messaging, and memory tracking. [Live]
- **DAFF Flights Maintenance**: flight maintenance management system with an admin dashboard for tracking and logging aircraft maintenance records. TypeScript, Express. [Live]
- **GEC Ship / NorthStar Delivery**: real-time delivery tracking platform that lets customers follow live order locations. WebSockets, Maps API. [Live]
- **Falon Skincare**: full-stack salon booking platform with an integrated online store and Flutterwave payment processing. React, Supabase. Live: falonskincare.com
- **Andrew Waltz Law**: law firm website with service listings, contact management, and client-facing content. Live: andrewaltz.vercel.app
- **Invoice App**: free web tool for creating invoices and receipts. Live: inv.senacodes.io
- **Also built**: Mawly Jewelleries (e-commerce, Flutterwave checkout), Global Energy News (Astro news portal and CMS, globalengynews.com), Align Oil & Gas (industry platform), The Mechaniq (mechanic booking app, in development).

EDUCATION

B.Sc. Information Technology | University of Ghana, Accra | 2024

Associate of Science, Computational Physics | KNUST, Kumasi | 2018

CERTIFICATIONS

Backend Developer Program (ALX Africa, 2023) • **Professional Foundations** (ALX Africa, 2023) • **CS50: Introduction to Computer Science** (edX / Harvard University, 2022) • **Master Statistics for Computer Science** (Udemy, 2022)

LANGUAGES

English (Professional, C1+) | Twi (Native) | Ewe (Native)