

OKECHUKWU JUSTIN ARINZE

Full-Stack Software Developer

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[LinkedIn](#) • [GitHub](#) • [Portfolio](#) • [Twitter](#) • [HackerRank](#)

PROFESSIONAL SUMMARY

Accomplished full-stack developer with 4+ years of experience building scalable web and desktop applications across education, e-commerce, and government sectors. Specialized in modern JavaScript frameworks (Vue.js, Nuxt.js, Svelte), backend development (PHP, GoLang, Node.js), and cross-platform solutions (Electron, Flutter). Proven track record of optimizing system performance by up to 98% and delivering complete solutions from architecture to deployment. Adept at working independently and collaborating with cross-functional teams to create robust, maintainable applications.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, GoLang, Python, PHP, Dart, CSS

Frontend: Vue.js, Nuxt.js/Nuxt 3, Svelte, Tailwind CSS, VuetifyJs

Backend: Node.js, Bun, PHP, Python, RESTful APIs, Slim Framework, GoLang

Mobile & Desktop: Flutter (Dart), ElectronJs

Database: MySQL (query optimization, relational design), Supabase (authentication, storage, edge functions)

DevOps & Tools: Git, GitHub, Vercel, Netlify, Cloudflare, Serverless deployment workflows

Infrastructure: Reverse proxy configuration (Nginx), familiarity with Envoy concepts, basic cloud architecture patterns

Methodologies: Object-Oriented Programming, Version Control, System Architecture, API Integration and Design Patterns

PROFESSIONAL EXPERIENCE

Personal Technical Assistant (Chairman's Office)

PPSMB (School Board) | Enugu, Nigeria

2025 - Present

- Serve as the Personal Technical Assistant to the Chairman, providing comprehensive support on all technology-related initiatives and digital transformation strategies
- Active member of the Chairman's technology committee, advising on digital strategies and recommending innovative solutions to modernize operations
- Manage and maintain the Chairman's official communication platform, ensuring seamless and secure collaboration with key government officials including the Governor and Commissioners
- Oversee technical operations to maintain smooth digital communication and information flow between the Chairman's office and government agencies

Founder

Axiolot Hub | Nigeria

2022 - Present

- Designed, developed, and deployed a comprehensive school management system as the sole developer, managing the entire project lifecycle from planning to deployment
- Built a responsive frontend using Vue.js (Nuxt.js) and engineered scalable backend systems with PHP and GoLang, implementing RESTful APIs for efficient data handling
- Integrated MySQL database with optimized complex queries for efficient data storage and retrieval
- Implemented robust authentication, authorization flows, and role-based access control to ensure data security and compliance
- **Achieved 98% performance improvement**, enabling the platform to seamlessly support 4,000+ students
- **Reduced page load times by nearly 10 seconds** through query optimization, caching strategies, and efficient API integration
- Currently developing a cross-platform desktop version using Electron with offline support and enhanced performance
- Deployed using Cloudflare for security/CDN and Vercel for serverless hosting and global distribution
- Maintained comprehensive documentation of system architecture, database schema, and deployment processes

Frontend Developer

- Built the frontend of a customizable multi-vendor e-commerce platform with unique branding, color themes, and storefront layouts for each vendor
- Integrated support for vendor-specific custom domains, enabling independent branded web addresses for each store
- Designed a dynamic product display system allowing vendors to independently showcase and manage their product catalogs

Freelance Software Developer

Upwork | Remote

2022 - 2024

- Delivered fast, scalable, and user-friendly applications for clients worldwide using Vue.js/Nuxt.js, PHP, Python, and Electron
- Built complete solutions from frontend UI to backend APIs and database design
- Ensured clean code, strong architecture, and long-term maintainability for production-ready applications
- Worked on numerous private solutions including advanced Web3 ecosystem projects involving blockchain-based features and custom platforms

Software Developer to Schools (Under Axiolot Hub)

Multiple Educational Institutions | Enugu, Nigeria

2021 - 2024

College of the Immaculate Conception (2021-2023) • Solid Foundation (2022-2024) • Mea Meter High School (2021-2024)

- Developed full-stack web applications and integrated schools into Axiolot Hub, significantly reducing teacher workload and result management time

EDUCATION

Bachelor of Science in Economics (Expected 2026)

Peaceland University | Enugu State, Nigeria

CERTIFICATIONS

- **Python (Advanced)** - HackerRank, 2025
- **CCNA (In Progress)** - with David Bombal, 2025
- **Python (Basic)** - HackerRank, 2024
- **Problem Solving (Intermediate)** - HackerRank, 2024
- **TypeScript (Advanced)** - HackerRank, 2023

- **JavaScript (Intermediate)** – HackerRank, 2023
- **Node.js (Intermediate)** – 2023
- **PHP (Advanced)** – HackerRank, 2022

FEATURED PROJECTS

Axiolot Hub

Information Management System For Schools

A full-featured platform streamlining administrative, academic, and financial operations for educational institutions. Offers tools to enhance learning experiences, improve communication, and simplify management for students and teachers.

 axiolot.com.ng

Uptime Monitor

Tool for Monitoring Website Uptime

A production-ready uptime monitoring service built with Go, featuring intelligent retry logic, rate limiting, automated email fallbacks, and comprehensive health checking with SSL certificate tracking and multi-channel notifications.

 [GitHub Repository](#)

Alt Image – Placeholder & Avatar Generator

Web-based Design Tool

Web platform generating custom placeholder images based on width/height specifications and unique UI avatars for mockups, dashboards, and user interfaces.

 altimg.cloud

Site Blocker

Browser Extension for Productivity

Browser extension helping users maintain focus by blocking distracting websites and setting custom time limits for online activities.

 [GitHub Repository](#)

Highlight

Browser Extension for Productivity

Highlight makes understanding new words effortless. Just select any word on any webpage and a clean floating popup appears with its definition. No switching tabs, no dictionary apps, everything happens instantly where you're reading.

 [GitHub Repository](#)

Note: In addition to public projects, I have delivered numerous private solutions for clients across various industries, including Web3 ecosystem applications featuring blockchain integration, custom platforms, and secure, scalable architectures.

INTERESTS

Coding • Reading • Gaming (Call of Duty) • Watching Football