

# 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, Vuetify.js

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

**Mobile & Desktop:** Flutter (Dart), Electron.js

**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

#### Kada Sales | Enugu State, Nigeria

2023 - 2024

- 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](http://axiolot.com.ng)

### 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](http://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**