OKECHUKWU JUSTIN ARINZE

PROFESSIONAL SUMMARY

Highly motivated and detail-oriented programmer with 3 years of experience in developing and maintaining high-quality code across various platforms. Proficient in TypeScript, PHP, Flutter (Dart), ElectronJs, and JavaScript, and skilled in problem-solving, debugging, and collaborating with cross-functional teams to deliver robust solutions. Adept in Vue, Svelte, Git commands, Tailwind CSS, GitHub, Vercel, object-oriented programming, and consistently striving to improve code efficiency and maintainability.

WORK HISTORY

Personal Technical Assistant (Chairman's Office), 2025 - Current
PPSMB (School Board) Enugu, Enugu State, Nigeria

* Serve as the Personal Technical Assistant to the Chairman, providing ongoing support on all technology-related matters.

* Actively contribute as a member of the Chairman's technology committee, advising on digital strategies and innovative solutions.

* Manage and maintain the Chairman's official communication platform, enabling seamless and secure collaboration with key government officials, including the Governor and Commissioners.

* Oversee technical operations to ensure smooth digital communication and information flow between the Chairman's office and other government agencies.

* Serve as the Personal Technical Assistant to the Chairman, providing ongoing support on all technology-related matters.

Founder, 2022 - Current
Axiolot Hub , Nigeria

* Designed, developed, and deployed a complete web application from the ground up as the sole developer, managing all aspects of the project lifecycle from planning and architecture to deployment and maintenance.

* Built a robust frontend interface using Vue.js (Nuxt.js), delivering a fast, responsive, and user-friendly experience.

* Engineered scalable backend systems and RESTful APIs using PHP and Python, ensuring secure data handling, session management, and real-time communication.

* Integrated the backend with MySQL for efficient data storage, retrieval, and relational data management, including optimization of complex queries.

* Implemented authentication and authorization flows, role-based access control, and secure API endpoints to protect user data and ensure compliance with best security practices.

* Significantly improved system performance by 98%, enabling the platform to scale and support 4,000+ students seamlessly.
Reduced data retrieval and page load times by nearly 10 seconds through query optimization, caching strategies, and efficient API integration.

* Currently developing a cross-platform desktop version of the application using Electron, packaging the web app into a native-like desktop experience with offline support and enhanced performance.

* Deployed the web version using Cloudflare for security and CDN, and leveraged Vercel for fast serverless hosting and global distribution.
Used Git and GitHub for version control, code management, and collaborative best practices — even while working independently.
Documented the system architecture, database schema, and deployment process to make the project maintainable and extensible for future developers.

Frontend Developer, 2023 - 2024
Kada Sales, Enugu State, Nigeria

* Built the frontend of a customizable multi-vendor e-commerce platform… allowing each vendor to have their own unique branding, color theme, and storefront layout.

* Integrated support for vendor-specific custom domains, enabling each store to operate on its own branded web address.

* Designed a dynamic product display system… so vendors can showcase and manage their own product catalogs independently.

Freelance Software Developer, 2022 - 2024
Upwork, Freelancing, Online

* I helped businesses turn ideas into fast, scalable, and user-friendly applications. With expertise in Vue.js/Nuxt.js, PHP, Python, and Electron, I built both web and desktop solutions from the ground up — handling everything from the frontend UI to backend APIs and database design.

* I've delivered complete, production-ready apps for clients worldwide, ensuring clean code, strong architecture, and long-term maintainability.

Software Developer To Schools
College Of The Immaculate Conception, Enugu, Nigeria (2021 -2023)
Solid Foundation, Enugu State, Nigeria (2022 -2024)
Mea Meter High School, Enugu State, Nigeria (2021 -2024)

* Developed full-stack web applications, and also integrated the school into Axiolot Hub which helps in reducing the work time of the teachers and the amount of time spent in result management.

EDUCATION

Undergraduate, Economics, 2025
Peaceland University - Enugu State, Nigeria

CERTIFICATIONS

* Node.js (Intermediate), :contentReference{index=0}, 2023
* Problem Solving (Intermediate), HackerRank, 2024
* JavaScript (Intermediate), HackerRank, 2023
* TypeScript (Advanced), HackerRank, 2023
* PHP (Advanced), HackerRank, 2022
* Python (Basic), HackerRank, 2024
* Python (Advanced), HackerRank, 2025
* CCNA (In Progress), with David Bambal, 2025

PROJECTS

Axiolot Hub
- A comprehensive school management system designed to streamline the administrative, academic, and financial operations of educational institutions. It offers a suite of tools and features to enhance the learning experience, improve communication, and simplify management tasks for students and teachers.

Axiolot Hub - https://axiolot.com.ng

Placeholder Image & Avatar Generator
- A web platform that generates placeholder images based on custom width and height values, ideal for quickly filling layouts during design and development. It also creates unique UI avatars, allowing users to instantly generate profile images for use in mockups, dashboards, and user interfaces.

Alt Image - https://altimg.cloud

Site Blocker (Chrome Extension)
- A Chrome extension that helps users stay focused and productive by blocking distracting websites and setting custom time limits for online activities.

Site Blocker (Source Code) - https://github.com/arinzejustin/blocker

In addition to public projects, I have worked on numerous private solutions for clients, delivering secure and scalable applications across various industries including advanced projects within the Web3 ecosystem. These engagements often involved building custom platforms, integrating blockchain-based features, and ensuring high levels of performance and confidentiality to meet each client's unique requirements.

HOBBIES AND INTEREST

* Coding, Reading, Gaming (COD), and Watching Football

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WEBSITES, PORTFOLIOS, PROFILES
* LinkedIn Profile
* GitHub Profile
* Personal Portfolio
* X (Twitter) Profile
* Hackerrank Profile

SKILLS
* TypeScript
* Python
* JavaScript
* PHP
* CSS
* MySQL
* Reverse Proxy knowledge (Envoy, Nginx concepts)
* Git
* Serverless Hosting (Netlify & Vercel)
* GitHub
* Vue
* Dart (Flutter)
* Svelte
* Slim
* Tailwind CSS
* VuetifyJs
* ElectronJs
* Node.js
* Nuxt.js / Nuxt 3