

Kingsley Okeze

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Lagos, Nigeria.

CAREER SUMMARY

Software Engineer with 5+ years of experience designing and delivering scalable web and mobile systems in production environments. Strong background in backend architecture, performance optimization, and building AI-powered or data-intensive features across the full development lifecycle. Led system improvements that enhanced reliability and reduced load times by up to 40% across multiple client-facing platforms.

WORK EXPERIENCE

Software Engineer / AI Backend Engineer

January 2026 – Present

- Developed an AI-powered system to analyze real-time CCTV footage in retail and mall environments, enabling store owners to respond instantly, which reduced average response time by 70% and prevented significant inventory losses.
- Built an AI-powered backend system using Node.js and MongoDB with cloud deployment to manage multiple camera feeds efficiently, supporting over 200 simultaneous streams with less than 500ms latency.
- Integrated an automated alert and notification system for store administrators, improving operational monitoring and decision-making, resulting in 90% of suspicious events being flagged in real time.
- Optimized system performance and scalability through asynchronous processing, caching, and efficient architecture design, reducing server load by 25% while maintaining continuous uptime above 99.9%.

Team Lead - **Crea8genius Technologies**

March 2025 – August 2025

- Led the full software development lifecycle for a client-facing EdTech SaaS platform, resulting in a 40% reduction in administrative overhead for clients by digitizing course delivery and student management.
- Spearheaded the adoption of Agile methodologies within the development team, improving delivery efficiency by 30% while enhancing stakeholder visibility and cross-functional collaboration.
- Engineered a customer-facing SaaS reminder system, reducing missed appointments by an estimated 25% for service-based clients using the platform.

- Engineered a full-featured, production-ready e-commerce platform that drove a 25% increase in online sales within the first three months.
 - Integrated Paystack to enable a secure payment system, reducing failed transactions by 15% by implementing server-side validation and real-time webhook handlers.
 - Developed a robust admin dashboard that cut store management time by 40% by empowering store owners to manage product catalogs and track orders in real-time from a single interface.
 - Designed and built a customer-facing interface with full user authentication, real-time cart updates, and an intuitive checkout process, improving user retention by 20%.
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SKILLSET

Languages & Frameworks

Frontend: React.js, React Native, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js.

Mobile Development

Cross-Platform Apps (iOS/Android), State Management (Redux/Context API), Performance Optimization, Push Notifications

Databases

MongoDB, PostgreSQL, NoSQL Schema Design & Optimization, Pinecone Db, Superbase.

Cloud & DevOps

Git, GitHub, Docker, CI/CD (Continuous Integration/Continuous Deployment) GCP (Google Cloud Platform), Vercel, Render

Tools & Methodologies

RESTful APIs, WebSocket, Socket io, Figma

Agile, Scrum, Unit Testing, Performance Optimization, Debugging, Code Reviews, Security & Scalability Optimization, Efficient System Design, UI/UX Principles & Responsive Design
VS Code, Google Antigravity, npm

AI/LLM Integration

OpenAI API, Gemini API, LangChain.js (for LLM orchestration and data grounding), Prompt Engineering, Vector Embeddings, Vector Search Technologies, AI Model Integration

Transferable Skills

Technical Leadership, Mentorship, Problem-Solving, Collaboration, Communication, Attention to Detail, Project Management, Continuous Learning

EDUCATION & CERTIFICATIONS

University Education

Osun State University, Nigeria - November 2020 - September 2024 - **Bachelor of Science, Computer Science**

High School Diploma

Kolaniks International School - Nigeria - September 2012 - July 2018 - **Senior Secondary Certificate Examination (WAEC)**