

Emmanuel Edem

Full-Stack Developer

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Professional Summary

Full-stack developer with 3+ years of experience specializing in backend development and API architecture. Proven expertise in Node.js, MySQL, and MongoDB with a strong track record of building scalable web applications processing thousands of transactions. Experienced in microservices architecture, payment integrations, and real-time systems with demonstrated ability to collaborate effectively with cross-functional teams.

Technical Skills

Backend Technologies: Node.js, Express.js, GraphQL, RESTful APIs

Databases: MySQL, MongoDB, SQL optimization

Frontend Integration: React, Next.js, TypeScript, Redux Toolkit

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL

Tools & DevOps: Git, CI/CD pipelines, Jest testing, Vercel deployment

Specialized: Payment APIs (Paystack), Browser APIs, Chrome Extensions, CMS Integration

Architecture: Microservices, Real-time systems, Database design

Professional Experience

Full-Stack Developer

Remote | *January 2023 – Present*

Stunnerrave - Event Ticketing Platform (Full-Stack Developer)

- Built robust backend architecture handling real-time seat selection and payment processing using Node.js and Express
- Designed and optimized MySQL database schema for ticket inventory management and user transactions
- Integrated Paystack payment API with secure transaction handling and webhook processing
- Delivered 98.5% uptime while processing 2,500+ ticket sales across multiple concurrent events

- Collaborated with UI/UX team to define API contracts and ensure seamless frontend integration
- *Technologies: Node.js, Express, MySQL, Paystack API, RESTful APIs*

Uncos Naija - News Platform (Full-Stack Developer)

- Developed comprehensive RSS feed aggregation system using Next.js and TypeScript with MongoDB integration
- Built automated news collection and distribution pipeline that streamlined editorial workflows by 25%
- Implemented real-time content synchronization allowing editorial team to stay current with breaking news
- Designed intuitive dashboard interface enabling non-technical staff to efficiently manage and curate content
- Created analytics tracking system for monitoring content performance and team productivity metrics
- *Technologies: Next.js, TypeScript, Node.js, MongoDB, RSS APIs, REST APIs*

Degen Cost - Browser Extension (Full-Stack Developer)

- Engineered real-time price fetching system processing 8,000+ conversions with privacy-first architecture
- Implemented secure browser APIs without data persistence, ensuring user privacy
- Built efficient caching mechanisms for cryptocurrency price data
- *Technologies: Node.js, Chrome Extension APIs, RESTful APIs, JavaScript*

Jux Studio - Agency Website (Full-Stack Developer)

- Integrated headless CMS architecture using Contentful with React frontend
 - Delivered 25% increase in lead generation through optimized backend performance
 - Implemented content delivery optimization and caching strategies
 - *Technologies: React, Node.js, Contentful CMS, Framer Motion*
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Key Projects

Stunnerrave Backend System

- **Live System:** www.stunnerrave.com | Processed 2,500+ real transactions
- Microservices architecture with real-time inventory management
- MySQL optimization for concurrent ticket purchasing
- Payment gateway integration with secure webhook handling

Degen Cost API Service

- **Live Extension:** <https://degencost.vercel.app>
 - Real-time cryptocurrency data aggregation
 - Privacy-focused architecture with zero data storage
 - High-performance price conversion algorithms
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Education & Professional Development

Advanced Diploma in Software Engineering | *APTECH Calabar* | 2023

Professional Development:

- Advanced React & Next.js (Frontend Masters)
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Additional Qualifications

Database Experience: 3+ years working with both SQL (MySQL) and NoSQL (MongoDB) databases

API Development: Extensive experience building RESTful APIs and GraphQL endpoints

Testing: Experience with Jest for backend testing and application stability

Version Control: Proficient with Git workflows and collaborative development

Performance Optimization: Proven track record of system optimization and scalability improvements

Languages: English

Availability: Open to part-time and contract opportunities