

# MICHAEL ANYANWU

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## PROFESSIONAL SUMMARY

Performance-driven Web Developer and Backend Specialist focused on engineering high-concurrency applications, responsive modern interfaces, and robust automation pipelines. Adept at combining sleek UI concepts with secure backend systems using Python (FastAPI/Flask) and JavaScript. Highly effective at designing resilient background workers, optimizing complex workflows, and deploying seamless API integrations.

## TECHNICAL SKILLS

**Languages:** Python (Advanced Automation), JavaScript (ES6+), HTML5, CSS3

**Backend Engineering:** FastAPI, Flask, Asynchronous Systems, REST APIs

**Frontend & Design:** UI/UX Architecture, Responsive Design, Mobile-First Web Development

**Tools & Environments:** Git, GitHub, Component Styling, Database Engineering

## TECHNICAL EXPERIENCE & PROJECTS

### Automated Scripting & Core Architecture – *Python Backend Architect*

- Engineered custom asynchronous Python frameworks engineered for rapid data parsing, multi-threaded tasks, and background workflow optimizations.
- Integrated production-grade API structures connecting third-party operational resources natively to backend database stacks.
- Architected robust error-resistant operational workers that reduce process lag and eliminate manual script dependency.

### Premium E-Commerce & Web Platforms – *Full-Stack Developer*

- Developed complex multi-view landing pages and custom structures applying premium layout models and advanced fluid responsiveness.
- Crafted modular checkout systems optimized directly with communication gateways (WhatsApp) to minimize customer friction and speed transactional conversions.
- Implemented clean UI components with enhanced visual styles, resulting in high asset load optimization and pixel-perfect responsiveness across mobile devices.

## PROFESSIONAL EXPERIENCE

### Freelance Web Developer – *Self-Employed*

2024 – Present

- Architected full-featured landing pages and automated web infrastructure for external clients and structural projects.
- Conducted system UI/UX reviews on existing customer layouts to maximize mobile web performance, interface accessibility, and retention.
- Deployed application logic layers natively utilizing FastAPI and Flask frameworks to create structured pipelines for user request validation.

## **EDUCATION & CERTIFICATIONS**

### **Secondary School Education (Ongoing) – Lagos, Nigeria**

Focus: Core Software Engineering Foundations, Advanced Data Processing, and Sciences.

### **Technical Certification: Self-Taught Web Development & Backend Engineering**

Specialization: Core Frontend Engineering (HTML5/CSS3/JS) and Advanced Python Backend Architecture (FastAPI, Flask, Automated scripting systems).