Philip Ukanwoke

Full Stack Developer | Backend Specialist

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LinkedIn| Github| Portfolio

Professional Profile

I am a highly skilled **Full Stack Developer and Backend Specialist** with a strong foundation in **web application development, DevOps, AI-powered solutions, and open-source contributions**. Passionate about building scalable, efficient, and user-centric software solutions. Experienced in **backend architecture, cloud services, CI/CD pipelines, and real-time data processing**.

Education

BSc Computer Science

University of Calabar | January 2019 - July 2024

- Built a solid foundation in **programming, database management, and system design** through coursework and hands-on projects.

Software Engineering

Holberton School | January 2021 - December 2022, San Francisco, CA

- Specialized in **backend development, system programming, and DevOps practices**, gaining hands-on experience in real-world applications.

Technical Skills

Languages & Frameworks

- **Programming Languages:** C, PHP, JavaScript, TypeScript, Python
- **Frontend Development:** HTML, CSS, React.js, React Native, Next.js, Redux, Bootstrap, Tailwind, Radix UI

- **Backend Development:** Node.js, Express.js, Django, Prisma, Mongoose, MySQL2
- **Content Management Systems (CMS):** Sanity, Payload CMS, WordPress

Databases & Cloud Services

- **Relational Databases:** MySQL, PostgreSQL
- **NoSQL Databases:** MongoDB, Redis
- **Cloud Services:** AWS EC2, AWS Route 53, AWS API Gateway, Firebase/GCP

Backend Development

- RESTful APIs, Database Design, Predictive Analytics

DevOps & Deployment

- **Tools:** Docker, Kubernetes, Linux, CI/CD Pipelines
- **Hosting & Deployment:** Vercel, Railway, Render, PlanetScale, Firebase, AWS

AI & Machine Learning

- **Technologies:** Random Forest, Chatbot Development, Real-time Data Processing, Sentiment Analysis

Testing & Optimization

- Unit Testing, Integration Testing, Performance Optimization

Project Management & Collaboration

- Agile Methodologies, Scrum, Version Control (Git, GitHub)

Work Experience

Full Stack Developer | Freelance | Remote

January 2023 - Present

- Developed an **AI-Powered Financial Requisition System** for manufacturing companies, integrating **inventory prediction (Random Forest) and a chatbot** for real-time interactions.
- Built an **Emoji Feedback System** for **HDZB Co. Ltd.,** analyzing user feedback using **sentiment analysis** for actionable business insights.
- Designed a **Gym Management System** with features like **membership management, FAQs, and user avatars**, ensuring a smooth **user experience through sessions and plan selection workflow**.

- Created an **Order Shipment Tracking System** in PHP and MySQL, providing real-time **shipment tracking**.

Software Engineering Intern | ALX Holberton School

January 2021 - December 2022

- Completed a two-year intensive program focused on **backend development and system programming**.
- Worked on real-world **full-stack applications, RESTful API development, and version control**.
- Gained experience in **code reviews, debugging, and DevOps practices**.

DevOps Engineer | CloudBridge Technologies

March 2022 - December 2023

- Implemented **cloud hosting and deployment strategies** to optimize server performance and scalability.
- Managed **CI/CD pipelines, automated deployments, and server configurations** for various client projects.

Freelance Developer | Multiple Clients

January 2022 - Present

- Developed **responsive, user-friendly web applications** for small businesses, integrating **SEO, UI/UX best practices, and CMS solutions**.
- Worked with **Netbuilders, DataSphere Solutions, and Asia Technologies** on **backend development, frontend improvements, and cloud-based solutions**.

Soft Skills

- **Open Source Collaboration** – Actively contributes to **open-source projects**, improving community-driven software and gaining diverse perspectives on coding best practices.
- **Strong Communication** – Clear and effective communicator with **clients, teams, and cross-functional stakeholders**.
- **Problem-Solving & Debugging** – Skilled in **troubleshooting complex issues** and implementing efficient solutions.
- **Collaboration & Teamwork** – Works seamlessly with **designers, developers, and project managers** to achieve project goals.
- **Adaptability** – Quick learner, flexible in handling **evolving project requirements** and new technologies.

Certifications

- **BSc Computer Science** – University of Calabar
- **Scrum Master Certification** – Agile Project Management Expert
- **ALX Software Engineering Certificate** – Full Stack Development

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Projects & Contributions

- **AI-Powered Financial Requisition System** – Built **a real-time requisition platform** with **AI-driven inventory prediction**.
- **Gym Management System** – Developed a **user-friendly dashboard** with **membership tracking and interactive FAQs**.
- **Order Shipment Tracking System** – Designed a **real-time tracking interface** using **PHP and MySQL**.

Languages

- English (Fluent)
- Igbo (Native)

Key Strengths

✔ Strong problem-solving and troubleshooting abilities
✔ Excellent team player with experience in **cross-functional collaboration**
✔ Dedicated to **client-focused** software solutions
✔ Passionate about **AI and DevOps innovations**

Certified in Agile project management, capable of leading tea in delivering high-quality projects.

ALX Certification
Completed a training program in modern software development practices.