Aishat Adeladun Adewoyin

FullStack Developer | Backend Engineer

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LinkedIn | GitHub | Portfolio Web App

Summary

Results-driven FullStack Developer and Backend Engineer with a proven track record of delivering robust, scalable, and user-focused web applications. Proficient in a wide range of technologies, including JavaScript (ReactJS), Python (Django), and NodeJS, with experience in both front-end and back-end development. Adept at leading cross-functional teams, optimizing web performance, and driving technical innovation to meet client and organizational goals.

Committed to continuous learning, with a focus on AI/ML and the latest industry trends. Passionate about transforming business ideas into efficient tech solutions and mentoring tech enthusiasts, especially in empowering women in tech. Seeking opportunities to leverage my skills to deliver impactful digital experiences.

Skills

Frontend Development:
    Technologies: HTML, CSS (Bootstrap, Tailwind CSS), JavaScript (ReactJS)
    Expertise: Responsive Web Design, Cross-browser Compatibility, User-Centric Design

Backend Development:
    Technologies: Python (Django, FastAPI), NodeJS, PHP (Laravel)
    Expertise: API Development, Database Integration, Server Configuration

Database Management:
   Technologies: MySQL, PostgreSQL, MongoDB
   Expertise: Database Design, Query Optimization, Data Security

DevOps:
   Skills: CI/CD (In Progress), Containerization (Docker, Kubernetes), Server Monitoring

UI/UX Design:
   Tools: Wireframing, User Flow Optimization, Figma

SEO & Digital Marketing:
   Skills: SEO Best Practices, Digital Ad Strategies

Collaboration & Project Management:
   Tools: Git, GitHub, Agile Workflow, Trello, Slack

References and links:
   To be made available upon request.

Experience

Kaltum Corridor & Digital Intellectual Hub – Abuja, Nigeria
   Founder & Digital Marketing Specialist (Oct 2018 – Nov 2021)
   - Established and managed two online businesses, creating and promoting educational content on YouTube and other platforms.
   - Grew my **YouTube channel** from 0 to 3,000 subscribers in six months by teaching mini-importation, digital marketing, SEO, and e-commerce strategies.

- Successfully created and sold an **online course** on mini-importation, e-commerce, and basic digital marketing strategies.
- Took a career break in 2022 to pursue software engineering and AI/ML with a focus on transforming my technical skills and contributing to the tech industry.

Early Code – Kubwa, Abuja
FullStack Web Development (Physical Class) (Aug 2021 – Jan 2022)

- Developed a strong foundation in **HTML, CSS, Bootstrap 5, PHP**, and **MySQL** for full-stack web development.
- Built and deployed two e-commerce websites–*Kaltum Corridor and Azka's Place*, as part of the final project, managing both front-end and back-end development.

The Visiola Foundation – Abuja, Nigeria
Full Stack Development Intern (3-month Program) (Mar 2022 – May 2022)

- Learned **FullStack development** using **HTML, CSS, NodeJS**, and **MongoDB**.
- Developed a hospital management system where users can book appointments with doctors ahead of hospital visits, focusing on user experience and system efficiency.

Wetech – Remote Mentorship
Backend Engineer (Mentee) (Apr 2022 – Aug 2022)
- Mentored by **Martha Wambui Kaburi**, a Backend Engineer at Microsoft, to deepen my knowledge of backend technologies.
- Built a full-stack **banking application** (TBNK) where I specifically focused on user authentication using **Django**, **PostgreSQL,** with **HTML5, CSS3, Bootstrap 5** as its front-end technologies.

DevCareer – Remote
Backend Engineering Student & Technical Product Manager (Jul 2023 – Jan 2024)
- Introduced to **NodeJS runtime**, **ExpressJS**, and **MongoDB**, building a comprehensive understanding of the **MERN stack**.
- Managed the development of **Ajovault**, a secure digital vault platform aimed at revolutionizing financial management by combining personal savings and collaborative pooled contributions.
- **Ajovault** empowers users to achieve personal financial milestones while fostering community-driven financial objectives. As **Technical Product Manager**, led the project from concept to deployment, coordinating between development teams and management.
- Utilized **Trello** for project management, ensuring smooth coordination and delivery, and **Canva** to create final presentations.
- Assisted the backend team with debugging critical components, contributing technical insights while managing the overall development process.

ALX Africa – Remote
Software Engineering Student (Feb 2023 – Jun 2024)

- Completed an intensive 12-15 month program, gaining **comprehensive skills in modern software engineering**. The program covered a wide array of technologies, methodologies, and frameworks essential for building complex software solutions.

- Developed strong proficiency in **version control** using **Git** and **GitHub**, enabling collaborative development and efficient code management.

- Built a **solid foundation in C programming**, with a focus on **data structures and algorithms**, laying the groundwork for solving computational problems and optimizing code efficiency.

- Advanced my knowledge of **Python** from basic to advanced levels, mastering **Object-Oriented Programming (OOP)** principles and applying them to real-world scenarios.

- Gained hands-on experience with the **full web development lifecycle**, from **coding to deployment**, including front-end technologies like **HTML, CSS, JavaScript**, and back-end frameworks such as **Flask** and **NodeJS**.

- Acquired in-depth expertise in **server configuration, monitoring, and security best practices**, understanding how to set up secure, scalable servers using **Nginx**, and how to handle potential vulnerabilities during deployment.

- Specialized in **SQL database programming**, enhancing my ability to **manage and manipulate data** effectively, and using relational databases like **MySQL** and **PostgreSQL** to build efficient data-driven applications.

- The curriculum covered **DevOps fundamentals**, equipping me with the knowledge to integrate **CI/CD pipelines**, and understanding **containerization** tools such as **Docker**.

- Engaged in **requirements gathering** and **systems modeling**, learning to break down and analyze system requirements to build scalable, maintainable applications.

- Designed and developed a mini social media platform, **EduSphere**, enabling students and teachers to communicate easily. This project enhanced my skills in **API development** and **user authentication**, integrating the back-end with a well-designed front-end interface.

- Gained exposure to additional skills like design and collaboration tools such as **Figma** for **UI/UX design** and used **Trello** for **Agile Product Management and Collaboration**.
- Throughout the program, I refined **soft skills** such as **communication**, **strategic thinking**, and **problem-solving**, which were critical for successfully completing projects and working within teams in dynamic, fast-paced environments.
- Acquired in-depth knowledge of **software development life cycle(SDLC), system modeling, system requirement analysis**, and **product specification calculation**.
- Developed strong soft skills in **communicating technical concepts to non-technical audiences**, working in teams, and adapting to change in dynamic environments.

ALX Africa – Remote
Professional Foundation Learner (Jul 2024 – Sep 2024)
- Completed a **3-month program** focused on **leadership**, **self-management**, and **critical thinking**.
- Learned the importance of **self-leadership** and staying motivated in dynamic environments, honing the ability to adapt to challenges while inspiring others.
- Strengthened **critical thinking** and **problem-solving** skills, applying **quantitative reasoning** to complex problems and communicating solutions effectively.
- Developed a strong foundation in **collaboration tools**, **emotional intelligence**, and **creative problem-solving**, preparing for leadership roles in the evolving tech ecosystem.
- Gained valuable insights into leveraging the tech landscape for growth, with a focus on **self-assessment**, **creative writing**, and **leadership**.

References and links:
To be made available upon request.

Certifications

- ❖ **FullStack Web Development (PHP)** – Early Code
- ❖ **Backend Development (NodeJS)** – DevCareer
- ❖ **Software Engineering with Specialization in Backend** – ALX Africa
- ❖ **Professional Foundation Skills** - ALX Africa
- ❖ **Full Stack Development** – The Visiola Foundation
- ❖ **Digital Ad Certificate** – Digital Marketing
- ❖ Programming Foundations: Beyond the Fundamentals
- ❖ **Tech-Up Girls** – Basic Introduction to Tech

Education

Miva Open University – Abuja, Nigeria
Bachelor's Degree in Data Science (In Progress, Expected September 2024 - October 2026)

APTECH Computer Education – Gwarimpa, Abuja, Nigeria
Advanced Diploma in Software Engineering (ADSE) – Specialization in AI/ML (In Progress, November 2023 - November 2025)

AltSchool Africa – Remote
Diploma in Backend Engineering (June 2024 - December 2024)

References and links:
To be made available upon request.

Volunteering

Adhoc Technical Supervisor – JOINT ADMISSIONS AND MATRICULATION BOARD (JAMB)
May 2019 – Present
- Provided **technical support** on an adhoc basis, ensuring the efficient functioning of examination systems and processes during key periods.
- Supervised **technical officers, security personnel**, and **center technical teams**, overseeing all technical operations to ensure the smooth conduct of candidate examinations.
- Assisted in troubleshooting and resolving **technical issues** related to the admissions and matriculation systems, contributing to a seamless experience for candidates.
- Led teams and coordinated technical activities to ensure the **overall success of examination processes** across centers, while maintaining high-quality technical service.
- Supported system operations for over **5 years**, playing a critical role in ensuring the success of large-scale examination sessions.

Some of My Projects

Kaltum Corridor E-Commerce Platform – Early Code (Feb. 2022)
- Built an e-commerce platform, **Kaltum Corridor**, with **PHP, MySQL**, and **Bootstrap** as a part of the final project at **Early Code**.
- Focused on building an intuitive user interface and a seamless shopping experience for customers.

TBNK Banking Web App – Wetech (2023)
- Developed a full-stack **banking web application** as part of a mentorship with **Wetech** under the guidance of a **Microsoft Backend Engineer**.

- Focused on creating a secure user authentication system using **Django**, with **PostgreSQL** as the database, and integrated **HTML, CSS**, and **Bootstrap** for front-end functionality.
- Contributed to back-end logic, ensuring the app's scalability and secure data handling.

Ajovault – Secure Digital Vault Platform – DevCareer (2023)
- Led the development of **Ajovault**, a secure digital vault platform designed to revolutionize financial management by combining personal savings and collaborative pooled contributions.
- Worked as a **Technical Product Manager**, managing the project from concept to deployment, overseeing both technical development and project coordination.
- Built using **NodeJS, ExpressJS**, and **MongoDB** for back-end, with a focus on security, user authentication, and scalability.

Personal Portfolio – ALX Africa (Jun. 2023)
- Created my own personal portfolio website to showcase projects and skills, utilizing **ReactJS, SASS**, and **Tailwind CSS**, with some **jQuery** for interactive components.
- Leveraged design tools like **ColorHunt**, **Adobe Color Wheel**, **Figma**, and **AdobeXD** to ensure a visually appealing and well-organized layout.

EduSphere Social Media Platform – ALX Africa (2024)
- Developed **EduSphere**, a social media platform aimed at connecting students and teachers for educational collaboration.
- Utilized **Python (Django)** for back-end and **ReactJS** for the front-end, implementing key features such as messaging and user profiles.

Albert Einstein Biography Website – Aptech eProjects (Oct. 2024, First Semester)

- Developed an educational biography website dedicated to **Albert Einstein** using **ReactJS** and **Tailwind CSS**.
- Focused on delivering an interactive and user-friendly experience with a modern, responsive design, utilizing **Framer AI** for interface enhancements.

References and links:

To be made available upon request.