

Akinsemoyin Tosin Semiu
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[Portfolio Website](#)

EDUCATION

University of Lagos (UNILAG), Lagos, Nigeria

Sep 2018 – June 2022

B.Sc. Insurance (CGPA: 3.78/5.00)

Undergraduate Project: *“Evaluation of the Insurance Problems Facing The Nigerian Informal Transport Sector”*

School of Foundation Studies, University of Lagos (UNILAG)

Sep 2017 – Jun 2018

JUPEB (A-level Equivalent; GPA: 11/16)

WORK EXPERIENCE

Frontend Web Developer at Zulfah Technologies Ltd

Aug 2022 - Present

- Worked as part of a team to create modern, responsive, and user-friendly web applications using advanced technologies like Next.js (server-side rendering, nested layouts), TypeScript, React Hook Form, and Tailwind CSS, reducing development time by 30%.
- Collaborated with designers, developers, and stakeholders to implement key features such as real-time notifications, advanced form management, and secure authentication flows, improving workflow efficiency by 25%.
- Integrated third-party services like Twilio for SMS notifications, Clerk for authentication, and Appwrite for database management, reducing authentication errors by 40%.
- Developed real-time collaboration features, including live cursors, markdown editors, and nested comments with emoji reactions, enabling seamless interaction for 1,000+ concurrent users and enhancing engagement.
- Contributed to building secure online banking systems capable of handling real-time transactions for 500+ daily users with 100% uptime, ensuring reliable and robust financial processing.
- Maintained clean, error-free codebases and streamlined workflows within a team environment using Git and GitHub, enabling efficient collaboration among 10+ developers.
- Diagnosed and resolved performance bottlenecks, reducing page load times from 3 seconds to under 1 second, which improved user engagement and system responsiveness.

PERSONAL PROJECTS

Amazon Price Tracker (Python, BeautifulSoup) | [GitHub Repository](#)

Developed a Python-based tracker to monitor Amazon product price fluctuations in real time. Utilized web scraping with BeautifulSoup to extract product data, storing results in CSV files. Automated data collection and scheduling to track trends and provide insights into consumer purchasing patterns.

Data Cleaning Project (Python, Pandas) | [GitHub Repository](#)

Designed a data-cleaning pipeline to organize and standardize messy customer call list datasets. Cleaned the data by removing duplicates, reformatting phone numbers with regex, and extracting structured fields like addresses. Used Python and Pandas to streamline workflows and prepare the data for analysis.

LEADERSHIP/VOLUNTEERING EXPERIENCE

NYSC SAED Program – Assistant Instructor (HTML & CSS)

APR 2024

National Youth Service Corps (NYSC), Kogi, Nigeria

- Assisted in teaching introductory HTML and CSS for a week to my fellow corp members during SAED (Skill Acquisition and Entrepreneurship Development) classes.
- Facilitated practical sessions, enabling participants to create basic web pages using HTML and CSS.

Corporate Social Responsibility (Optimizing Your Performance through Nutrition)

Feb - May 2023

- Coordinated a team of 17 students to research the impact of nutrition on physical and mental well-being.
- Led a CSR seminar, educating over 100 secondary school students on healthy eating habits and their effects on academic and extracurricular performance.

PROFESSIONAL DEVELOPMENT/CERTIFICATES

Programming for Everybody (Getting Started with Python)

Sep 2024

University of Michigan, Coursera

- Gained foundational Python programming skills, including syntax, semantics, and core programming concepts like functions and loops.
- Created basic Python programs and utilized variables for data storage, retrieval, and calculations.

Foundations of Project Management

Sep 2024

Google, Coursera

- Developed project management expertise, including roles and responsibilities across various industries.
- Gained insights into the project management life cycle, methodologies, and strategic change management.
- Enhanced teamwork, organizational analysis, and decision-making skills.

SKILLS AND INTERESTS

- **Technical Skills:**
 - **Frontend Development:** HTML, CSS, JavaScript, React, Next.js, Git, Figma
 - **Data Analysis:** Python, Pandas, Excel, MySQL, Data Cleaning, Regex
- **Soft Skills:** adaptability, leadership, critical thinking, Team Work, Problem-solving
- **Hobbies:** Sports, Designing, Cooking, Nature and Landscape Photography