

Wilson Zimthamaha Bonkuru

Full Stack JavaScript Developer | Data Analyst/Instructor | Licensed Pharmacist

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Portfolio: <https://algorizimcodes.vercel.app>

Professional Summary

Innovative and impact-driven professional with a strong foundation in pharmacy, regulatory science, and full-stack JavaScript development. Currently serving as a Frontend Developer Intern at Symmex, contributing to the development of a Manufacturing Execution System (MES) platform using Angular and TypeScript. Also interning at NAFDAC's Drug Registration and Regulatory Affairs Directorate, supporting regulatory documentation, data management, and digital process optimization. Combines healthcare knowledge, technical acumen, and analytical insight to create technology-driven solutions that enhance public health systems and regulatory efficiency.

Education

University of Nigeria, Nsukka

Bachelor of Pharmacy (B.Pharm) — Graduated 2024

Certifications & Achievements

- Nanodegree: Foundations of Generative AI — Udemy, January 2025
- TechCrush Scholar — October 2024

Professional Experience

Frontend Developer Intern — Symmex

September 2025 – Present

- Contributing to the development of a Manufacturing Execution System (MES) platform using Angular and TypeScript.
- Collaborating with backend engineers and UX designers to optimize production workflows and real-time process monitoring.
- Implementing responsive UI components with Angular Material and integrating REST APIs for data visualization.
- Participating in agile development sprints and contributing to feature documentation.

Intern — Drug Registration and Regulatory Affairs Directorate, NAFDAC

June 2025 – Present

- Supporting dossier screening, product data validation, and registration workflow documentation.
- Assisting in harmonization of regulatory information systems to improve process efficiency.
- Contributing to digital transformation initiatives through structured data handling and compliance monitoring.
- Gaining exposure to regulatory frameworks, product evaluation, and post-market surveillance.

Technical Head — Pharmapool Synergy Solutions Nigeria Ltd

Jan 2024 – Present

- Developed and launched Pharmapool's core platform using the MERN stack.
- Enhanced transparency and engagement within the pharmaceutical supply chain.

Lead Developer — AfriVaxx

Dec 2024 – Present

- Built AfriVaxx's public-facing health education website (afrivaxx.org).
- Enabled improved access to vaccine information and regional outreach programs.

Technical Head — Etiquette Pharmaceuticals

Jan 2023 – Present

- Created and deployed a responsive corporate web portal to improve visibility and client relations.
- Leveraged MERN stack to enhance pharmaceutical service delivery.

Healthcare Research Associate — G-Techno Nigeria Limited

Oct 2023 – Dec 2023

- Conducted interdisciplinary research on natural product formulation (Deulcerlin tablets).
- Applied pharmaceutical and technical skills in research and development.

Data Analyst/Instructor — Freelance/Private Training

2024 – Present

- Teaching data analysis fundamentals and applications to learners.
- Covering data cleaning, visualization, and interpretation using real-world datasets.

Key Projects

- Pharmapool Web Platform – Scalable MERN-based system for pharmaceutical services and supply chain management.
- AfriVax Digital Portal – Mobile-responsive site for vaccine awareness and public education.
- Etiquette Pharma Website – Corporate portal enhancing client engagement and brand presence.
- Microsoft OAuth Email Automation – Automated Outlook bulk mailing using Graph API for secure messaging.
- Faculty Exam Management System – Digital platform for student registration, assessment, and result processing.

Technical Skills

- Frontend: Angular, React, HTML5, CSS3, JavaScript, TypeScript
- Backend: Node.js, Express.js, MongoDB
- Data Analysis: Python, SQL, Excel
- AI/ML: Generative AI, Prompt Engineering
- Tools: Git, GitHub, Bitbucket, Postman, VS Code, MS Office, LaTeX

Pharmaceutical & Research Skills

- Clinical Pharmacy Practice
- Drug Formulation and Quality Control
- Regulatory Documentation and Dossier Review
- Research in Pharmaceutical Technology & Industrial Pharmacy
- APA Scientific Writing and Technical Documentation

Community & Advocacy

- AfriVax Outreach Team — Supported digital health campaigns and vaccine awareness.
- Asthma Awareness and Care Group (AACG) — Participated in community asthma education programs.

Portfolio

<https://algorizimcodes.vercel.app>