Oluwatimilehin ILESANMI

FULLSTACK DEVELOPER

Ipaja, Lagos, Nigeria | +234 9152806968 | <u>My GitHub Profile</u>

PROFILE SUMMARY

Full-Stack Software Developer with strong analytical and problem-solving foundation from Chemical Engineering background. Self-taught developer proficient in React, TypeScript, Python, and Flask with hands-on experience building production-ready web applications. Proven ability to architect complex systems, analyze data patterns, and deliver scalable solutions. Seeking software development role to leverage technical skills and engineering mindset.

PROFESSIONAL SKILL

- React & TypeScript
- Python & Flask Development
- RESTful API Design
- Data Visualization (Chart.js)
- Natural Language Processing
- Responsive Web Design
- Git & Version Control
- Problem-solving & Analytics

TECHNICAL SKILL

- JavaScript/TypeScript
- Python
- HTML/CSS
- Flask
- NLTK & VADER
- Render
- Git/GitHub
- Vite

EDUCATION

B.Eng In Chemical Engineering
Covenant University, Ogun State, Nigeria

2021-2026

Relevant Coursework: Data Analysis, Process Modeling, Statistical Analysis, Systems Engineering
Transferable Skills: Complex problem-solving, analytical thinking, process optimization, data interpretation, systems architecture

WORK EXPERIENCE

Stock Analysis Dashboard | Full-Stack Project   **Self-Directed Project**

- Engineered full-stack financial analytics platform processing 10+ news articles with NLP sentiment analysis using VADER and NLTK, providing actionable market insights
- Developed interactive data visualization dashboard using React, Chart.js, and GridStack displaying real-time stock metrics, price history, and sentiment trends
- Built RESTful API with Flask and Python handling stock data retrieval, text analysis, and wordcloud generation, reducing analysis time by 85%
- Implemented responsive UI with styled-components featuring dynamic charts, news aggregation, and statistical analysis with 100% mobile compatibility

Personal Portfolio Website | Frontend Development   **Self-Directed Project**

- Designed and developed responsive personal portfolio website showcasing technical projects and skills
- Implemented modern UI/UX principles with clean navigation and mobile-first design approach
- Utilized HTML, CSS, and JavaScript to create interactive elements and smooth user experience