

# Ifeoma Nnamah

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## SKILLS AND INTERESTS

- Programming Languages: JavaScript (ES6, jQuery, AJAX), TypeScript, C.
  - Web Development: React, Redux, Vue JS, Microsoft PowerApps, Microsoft Power Automate, HTML, CSS (LESS/SASS), Tailwind, REST API, Object-Oriented Programming.
  - Database: Azure SQL Database, SharePoint Online/On-premise.
  - Tools: Visual Studio, Git (Repository Management), Jira, Figma.
  - Methodologies: Agile/Scrum, CI/CD, Usability Principles, UI/UX Design (Flowchart Design, Wireframing & Prototyping, User Research).
  - Affiliations: The Association of Professional Women Engineers in Nigeria (APWEN), HerTechTrials, TechHer, Women in Technology Nigeria.
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## EXPERIENCE

### TotalEnergies

Lagos, Nigeria

Software Developer & UI/UX Designer

February 2023 - Present

- Implemented code that was extensible, maintainable, and followed best practices, ensuring reliability and diagnosability with minimal defects.
- Collaborated with stakeholders (e.g., program managers, product owners) to determine user requirements for features.
- Developed software's using JavaScript, and relevant front-end libraries / frameworks (Vue, React), Web services (SOAP/REST), Low Code Frameworks (Microsoft Power Automate, Microsoft Power Apps).
- Executed project plans, release plans, and work items, contributing to breaking down larger work items into smaller tasks and providing estimations.
- Collected, classified, and analyzed data on various metrics with minimal oversight, escalating findings to inform product engineering decisions.
- Integrated multiple third-party APIs, enhancing the functionality and data accuracy of web applications.
- Partnered with stakeholders to review work items and deepen knowledge of product features.
- Experience in modern software architecture patterns including MVC, MVVM, and SPA, with a focus on building scalable, maintainable, and user-centric applications.

### Waje Smart Solutions

Lagos, Nigeria

Software Developer & UI/UX Designer

January 2021 - Present

- Worked closely with product managers, developers, and marketing teams to align design and development efforts with business goals, ensuring cohesive and effective product releases.
- Developed software's using JavaScript, and relevant front-end libraries / frameworks (Vue, React), Web services (SOAP/REST), Low Code Frameworks (Microsoft Power Automate, Microsoft Power Apps).
- Mentored junior developers, enabling significant contributions to projects.
- Experience in modern software architecture patterns including MVC, MVVM, and SPA, with a focus on building scalable, maintainable, and user-centric applications.
- Integration of multiple third-party APIs, enhancing the functionality and data accuracy of web applications.

- Refactored legacy code bases, reducing technical debt and improving maintainability and scalability of software systems.
- Collaborated with cyber security engineers to implement secure authentication protocols, enhancing user data protection and preventing unauthorized access.

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## LEADERSHIP/VOLUNTEERISM

### Women in Technology in Nigeria (WITIN)

*Volunteer Coordinator*

**Lagos, Nigeria**

*March 2023 - December 2023*

- Managed a team of 100+ volunteers to support WITIN's mission of empowering women and girls in technology.
- Coordinated 5 workshops and events focused on tech skills development, mentorship, and networking.
- Collaborated with schools and organizations to promote STEM education and career paths for young women.
- Contributed to the development and implementation of mentorship programs, matching 10 mentors with mentees.

### HerTechTrails

*Tech Mentor*

**Lagos, Nigeria**

*June 2021 - January 2022*

- Provided mentorship and technical guidance to a cohort group of 30 women in HerTechTrails' programs.
- Supported participants in building technical portfolios and preparing for tech job interviews.
- Contributed to the development of curriculum and training materials for HerTechTrails' programs.
- Actively participated in the HerTechTrails community, fostering a supportive learning environment.

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## PROJECTS

- Designed and implemented the Ethics and Integrity Alert Management System for proactive monitoring and management of compliance issues and ethical concerns.
- Designed and developed the Transit Tracker System with the intention of refining supply chain management and elevating procurement processes. This innovative solution would contribute to a 60% reduction in lead times, fostered transparency and enhanced cost control.
- Built a dynamic HSE Analytics Dashboard to provide actionable insights and bolster health, safety, and environmental compliance.
- Developed an Invoice Requisition Portal for generation for invoice aiding the accounting department (Microsoft Platform).
- Engineered an advanced Timesheet Portal to enhance accuracy and efficiency in employee time and task tracking (Microsoft Platform).
- Created a Merchant Chargeback Portal that revolutionizes chargeback processing, significantly improving dispute resolution for merchants.
- Developed the MT 940/942 Statement Generation Portal to automate and streamline the creation and reconciliation of financial statements.
- Developed an innovative Merchant Storefront System for a start-up, optimizing transaction processes and boosting customer engagement.

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## EDUCATION

### Afe Babalola University

*Computer Engineering (Bachelor of Engineering)*

**Ekiti, Nigeria**

**Relevant Coursework:** Computer Architecture and Organization, Structured Computer Programming, Principles of Compilers, Data Communications and Networks, Operating Systems, Software Engineering, Assembly Language Programming, Embedded System Design, Computer Security and Techniques.

**Academic Achievements:** Published a paper on ResearchGate titled *Implementation and Comprehensive Analysis of Image-Based LSB Steganography Method*

**Aptech Computer Education**

*Advanced Diploma in Software Engineering*

**Lagos, Nigeria**

*January 2018 - December 2020*

**Relevant Coursework:** HTML5 & CSS3, NetBeans, MS SQL Server 2016, Red Hat Enterprise 7, .NET Framework, Google Search Engine Tools, Google AdWords, Cloud Tools, Microsoft Visual Studio 2013 Professional Edition, Windows Phone 10, JSF & Struts, Android, MySQL, PHP, Java 7 EE & SE, Apache, Oracle.

**Academic Achievements:** Developed a web application leveraging React, Redux, and TypeScript, integrating real-time data visualization and state management for enhanced user interaction.

**References on Request**