

## Harmony Orakpoyovwuru

Email: [harmonyorakpo@gmail.com](mailto:harmonyorakpo@gmail.com)

Location: Berlin, Germany

Visa Status: Currently on Opportunity Card Visa

### Profile Summary

Frontend Developer with 4+ years of experience building mobile-first web applications focused on performance, scalability, and clean architecture. Skilled in Angular, React, TypeScript, and state management with a strong foundation in Component-Driven Development. Passionate about intuitive UI, secure API integration, and delivering high-quality solutions in Agile teams.

### Core Competencies

- **Technologies & Frameworks:** Angular 2+, Angular 19, TypeScript, JavaScript (ES6+), HTML, CSS, SCSS, C#, MSSQL, npm, Webpack, React.js, JSX, React Router.
- **Frontend Development:** Component-Driven Design (CDD), Component-Based Architecture, Test-Driven Development, Object-Oriented Design, Angular Application Architecture, Functional Components, Custom Hooks, Hooks (useState, useEffect, useContext etc)
- **State Management:** NgRX, NGXS, RxJS, Signals, Context API, Redux/ Redux Toolkit
- **UI/UX & Styling:** Tailwind, Bootstrap, Angular Material, PrimeNG, Figma, Styled Components
- **Testing & Security:** Cypress, Unit Testing (Jest)
- **CI/CD & Source Control Tools:** Git/Github, Jira, Bitbucket, Azure DevOps.

### Professional Experience

#### Frontend Engineer – Guaranty Trust Bank (GTB), Nigeria

*July 2021 – Present*

- Upgraded the legacy Internet Banking Application from Angular 8 to Angular 19. Improved performance and enhanced platform security by over 25%.
- Implemented new features, fixed bugs, and handled maintenance for the new Internet Banking Application, supporting a customer base of over 10,000 users.
- Built an API Management Portal for public key generation and API integration. Added OTP-secured modifications and role-based access control to strengthen platform security.
- Led the development of the GT Funds Managers Onboarding Website, improving registration and KYC processes, resulting in a 60% increase in customer acquisition.
- Developed onboarding flows for Corporate, Retail, and Non-Resident Nigerian account openings on the Web Account Opening Portal, leading to a significant customer base growth.

## **Frontend Engineer (Consultant) – DafeSoftware Ltd, Nigeria**

*Jan 2023 – Mar 2023, Jun 2024 – August 2024*

- Developed the NurseReady Admin Portal, a key platform for generating competency assessments for nurses who relocated to Canada and completed required training.
- Developed an Exam Portal for international medical professionals, supporting preparation for IENCAP, IGOEE, and other medical exams required in Canada.

## **UI/UX Designer – Dafesoftware Ltd, Nigeria**

*May 2020 – June 2021*

- Designed the company's website, creating UI/UX solutions that enhanced user experience and boosted engagement by 25%.
- Designed a mobile delivery application using Figma, that streamlined goods delivery, optimizing user flow and reducing delivery times, contributing to improved operational efficiency.

## **Projects**

### **API Management Portal**

#### **Frontend Engineer**

**Technologies Used:** Angular 14, TypeScript, RxJS, Tailwind, SCSS, npm, Angular Material.

I developed a secure and scalable web application for onboarding companies integrating with The Bank's internal APIs. The platform facilitated secure API key generation, profile management, session management and real-time encrypted data operations. Emphasis was placed on both usability and security to reduce fraud and ensure data protection.

The application architecture included the following key components:

- **Input Validation:** Integrated custom field validation and masking using the ngx-mask library, restricting entries like IP addresses to their valid formats and reducing XSS attack vectors.
- **OTP-Based Authorization:** All critical actions (such as key generation or profile updates) required a one-time password (OTP), adding an additional layer of security.
- **Role-Based Access Control:** Implemented route guards to enforce access levels across the platform, allowing staff and users to access only their permitted sections and actions.
- **Scalable UI Design:** Leveraged Angular Material and Tailwind CSS to create responsive, modular components adaptable to future use cases.

## **Education & Certifications**

- **Bachelor of Electrical & Electronic Engineering**  
*University of Benin, Nigeria | April 2014 – December 2018*
- Microsoft Azure Fundamentals