

Harvey Anafuwe Onyeka

Full Stack Engineer (FE)

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Profile

Highly skilled Engineer (5+ years) with experience in designing, developing, and deploying scalable, high-performance web applications using modern technologies like **React.js/Next.js** and **Vue.js/Nuxt.js**, as well as backend technologies such as **Node.js, Express.js, NestJS**. Proficient in both frontend and backend development, with expertise in **performance optimization, microservices architecture**, and **DevOps practices** (Docker, Kubernetes, AWS, CI/CD pipelines). Adept at leading cross-functional teams, driving projects from concept to completion, and delivering exceptional user experiences through **responsive design, accessibility (a11y)**, and **robust testing** (Jest, Cypress, React Testing Library). Passionate about solving complex problems, optimizing application performance, and staying at the forefront of technological advancements

Professional Experience

Senior Software Engineer

Qaya Technologies 

03.2024 – present

Lagos, Nigeria

A Self checkout solution for physical malls, for users to quickly and seamlessly scan and pay for products with no human contact, this is made up of the Sales Admin Dashboard for the client(Mall), a Mobile app to shop,scan and pay across multiple stores instantly and also the Super Admin Dashboard.

- **Mobile Development** with **React Native Expo, Native wind and Zustand**.
- **Test Driven Development** using **vitest for web** and **Jest for mobile**.
- **Web Development** Implementation with **Vue, Nuxt 3, pinia, and tailwind**
- **Sales Admin** Panel with **vue/Nuxtjs** for Product, Order, Transaction and Stores management
- **Super Admin panel with vue/Nuxtjs** for general management of users, Organisations etc.
- Backend implementation with **Node/express**, typescript, **Casl.js** for user roles and permission, **prisma** and **Postgresql database** and **Jwt based authentication**.
- Unit tests with **jest**, end to end with Cypress
- Integration Code planning and reviews
- **Responsive Ui** implementation with **Figma**

Contract Engineer

lpx Nigeria 

07.2024

Lagos, Nigeria

PROJECT BLACKBOX, A centralized system for monitoring and measuring Service Level Agreements to improve operational efficiency and service delivery by enhancing its ability to manage Service Level Agreements among departments and personnels.

- System design and architecture
- Design Planning
- Test Driven Development
- User Authentication and authorisation with LDAP's system
- unit test with jest
- Figma design conversion

- Postgres database with prisma
- Backend implementation with nodejs and typescript
- server integration

Contract Engineer

Sanchy Kreations [✉](#)

Event Management platform, for Planners and Guests

- **Web Development** following best practices
- **•REACTJS/NEXTJS**
- **State management with Zustand**
- **Figma** UI conversion
- **Integration and Testing** with provided APIs
- **Unit Tests** and **Reviews**

01.2024

Lagos, Nigeria

Lead Engineer

Micrographia [✉](#)

- Software **Architecture** and **design**.
- **Test Driven Development**
- **REACTJS/NEXTJS**
- **Sprint planning** and management with **JIRA**
- **Technical Lead**
- Testing and **Code Reviews**.
- Third party **API** integration.
- **Deployment** and performance Testing.
- Report and feedbacks.

01.2023

Lagos, Nigeria

Frontend Engineer

Micrographia [✉](#)

- **Conversion** of Figma UI design into components with
- **Design planning** for clients software products.
- test driven development (**TDD**) using **jest**
- **Integration** tests, checks and reviews

02.2022

Lagos, Nigeria

Backend development/ Contract

IQUIRE [✉](#)

- Implemented a scalable backend
- **Firebase cloud functions** with **Express framework**
- **Firebase storage** for media upload
- **Rate Limiting** ensuring high-performance capabilities
- **Caching to reduce Latency** and also priorities on
- **User Authentication** and **Authorisation**.

<https://iquire.io/login> [✉](#)

06.2021

Lagos, Nigeria

Frontend Developer / Contract

Teepsee Nigeria [✉](#)

An **Ecommerce** Solution for beverages utilizing **Quasar (Vue.js)**, **Pinia** and **Firebase** for **authentication**, **media storage** and **Database**. Employing a pixel-perfect design approach, I prioritized an optimal user interface and experience to enhance the overall usability of the platform.

In addition, I worked on an administrative interface for efficient management of users, products, and orders, enhancing the overall functionality and control of the platform.

<https://getteepsee.com> [✉](#)

11.2020

Lagos, Nigeria

Frontend Developer

Mouvebeta [✉](#)

- **Complex Dashboard** development for a Logistics solution with **Vue**.


04.2020

Lagos, Nigeria

- **Google Map API and Django backend API integration.**
- Conversion of **Figma** designs into components, with Vue **SPA** and **Options api**.

Front end Developer

12.2020 – 04.2021

Bufexx Technologies 

Lagos, Nigeria

Financial technology for borderless payments having a multi-currency e-wallet that allows you to exchange, spend, send and receive money globally using a web platform.

Front-end Intern

03.2019

Cyphercrescent Limited

portharcourt, Nigeria

Frontend development internship with the use of **HTML, CSS AND JAVASCRIPT**, and also introduction into further practical exercises in building user interfaces for real world solutions.

Projects

Sprint Shop

An ecommerce platform using Fakestore Api, which includes products **Search**, product **Recommendation system** using **content filtering** based on previous search and , **Cart** system to easily add, remove and increase product quantity etc.

available @. <https://sprint-shop.vercel.app/> 

- **REACT. JS**
- **VITE**
- **ZUSTAND** FOR STATE MANAGEMENT
- **CONTENT BASED FILTERING FOR PRODUCT RECOMMENDATION.**
- **JEST AND React Testing Library FOR TEST DRIVEN DEVELOPMENT**
- **TAILWIND CSS**
- **TOASTIFY**

Qaya Mobile

Self Checkout App for malls.

Users are able to Scan products, add to cart and pay immediately with no physical contact.

Available on the Google playstore.

- **REACT NATIVE EXPO**
- **ZUSTAND** FOR STATE MANAGEMENT
- **PUSH NOTIFICATION WITH FIREBASE CLOUD MESSAGING**
- **REALTIME LOCATION USING EXPO LOCATION**
- **WEB SOCKETS**
- **ABLY REALTIME PUB/SUB**
- **JEST AND React Testing Library**
- **NATIVE WIND**
- **JWT FOR AUTHENTICATION**

Qaya Sales Admin

Admin dashboard for physical to onboard on Qaya, provides admin privileges based on user Roles and permissions.


Admin Dashboard for physical malls on Qaya. includes crud operations involving; products, orders, transactions, stores, users etc, and also order and transaction validation.

- **VUE/ NUXTJS**
- **PINIA** FOR STATE MANAGEMENT
- **PUSH NOTIFICATION WITH FIREBASE CLOUD MESSAGING**
- **WEB SOCKETS**
- **ABLY REALTIME PUB/SUB**
- **VITEST FOR TEST DRIVEN DEVELOPMENT**
- **TAILWIND**
- **JWT OAUTH**

Fankonect

A dating app to connect with friends, express interests and request a date with others.

Involve a wallets system, identity verification and user status feature etc.

available @ <https://fankonect.com/> 

- VUE/ NUXTJS
- PINIA FOR STATE MANAGEMENT
- PUSH NOTIFICATION WITH FIREBASE CLOUD MESSAGING
- WEB SOCKETS
- VITEST FOR TEST DRIVEN DEVELOPMENT
- TAILWIND
- JWT OAUTH

Pedivel

Mobile App for event Management and Engagement.

The Ultimate App for Music, Shoutouts, and Hype

Skills

Responsive Development and User

● ● ● ● ●

Interface conversion

Responsive development principles and the ability to create interfaces that work seamlessly on various devices and screen sizes.

REACT.JS/NEXT.JS, VUE/NUXT.JS

Software Architecture and planning

Building high-level structure of a software system, encompassing its components, their interactions, and the principles governing their design and evolution. involves provision of blueprint and roadmap for development, ensuring that the system meets its requirements, is maintainable, scalable, and cost-effective

Collaboration and Communication

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Strong communication skills and the ability to collaborate effectively with designers, backend developers, and other team members.

Test driven development methodology

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Proficiency in writing unit tests and using testing libraries/frameworks before implementation, helps improve the design and architecture of the project. Helps to **Parameterize tests, for faster development**

JEST, CYPRESS, VITEST

Cross-Browser Compatibility

● ● ● ● ●

Ability to ensure that user interfaces work consistently across different browsers and handle browser-specific quirks

Continuous Learning

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A mindset of continuous learning to stay updated with the latest technologies and industry trends

Education

National Diploma

Petroleum training Institute

Diploma in Electrical electronics engineering

11.2018 – 04.2021

warri, Nigeria

Certificates

- Vuejs forge certificate of collaborative effort in building of a real world class Saas platform 
- VueJs Forge Certificate of collaboration in building an Ecommerce platform hosted by Vue school 