



EMMANUEL TUGBEH, MNCS

Full Stack Developer

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SUMMARY

Certified IT Professional with over 10 years of experience in enterprise software development, technical training, and mentorship. Proficient in building scalable web and mobile solutions using React, React Native, Node.js, and ASP.NET. Track record of team leadership and collaboration to deliver cross-platform software applications with best practices.

EDUCATION

(M.Sc.) Computer Science – Software Engineering

University of Benin, Edo, NG.

Apr 2019 - Feb 2021

(B.Sc.) Mathematics & Computer Science

Benson Idahosa University, Edo, NG.

Sep 2010 – Jun 2014

PROFESSIONAL EXPERIENCE

Mobile App Developer

Plural Health (formerly PlateauMed), Lagos, NG.

May 2023 – present

- Built and deployed multi-tenant Electronic Health Record (EHR) systems using React Native, NestJS, and Firebase.
- Designed and integrated cross-platform mobile user interfaces using React Native, TypeScript, Expo Router, and Firebase for secure authentication, file storage, and real-time data synchronization.
- Created RESTful APIs with NestJS and designed rich-text email templates using Handlebars. Utilized Guards and Pipes middleware for authentication and validation, and implemented background jobs for notifications system.
- Built a NestJS web service that integrates OpenAI (GPT-4o mini) to aggregate and summarize complaints from multiple Primary Health Centers (PHCs), enabling faster and clearer decision-making for health administrators.

Senior Frontend Engineer

Buzzbite.io, London, UK (Remote)

Feb 2020 – Jan 2023

- Built and deployed an Influencer Marketplace SaaS using Next.js, Redux Toolkit, Mantine UI, and Laravel (PHP).
- Designed and integrated role-based dashboard modules and applied React's composition pattern and atomic design principles to improve code readability, testability, and scalability.
- Integrated third-party APIs such as Facebook Auth, Google Analytics, Cloudinary, and Stripe (Paystack).
- Developed RESTful APIs and rich-text email templates using Laravel. Implemented token-based authentication with Sanctum and role-based access control (RBAC) using Spatie.

Full Stack Developer

Pear SDC, Edo, NG.

May 2016 - Dec 2019

- Built and deployed Benson Idahosa University's student admission portal using Angular and ASP.NET (C#).
- Designed and integrated role-based dashboard modules using Material UI, TailwindCSS, and NgRx Store, leveraging dependency injection and SOLID principles to improve code readability, testability, and scalability.
- Created RESTful APIs with C# and adopted CQRS architecture pattern to enforce separation of concerns.
- Designed rich-text email templates with Razor Pages, and integrated third-party payment SDKs such as Interswitch and Remita for secure multi-channel payments, subscriptions, settlements, and internal auditing.

VOLUNTEER EXPERIENCE

Kotlin Developer Community

Mar 2019 – present

Google Developer Group (GDG)

Jul 2013 - present

Google Student Ambassador (GSA)

Jul 2013 - Aug 2014