

EMMANUEL AGHO

Software Engineer – London - UK

+44 798 301 6558 | wapemma@yahoo.com | www.linkedin.com/in/agho-dev

INTRODUCTION

Results-driven Software Engineer with over 6 years of expertise in crafting robust software solutions. Proficient in designing, developing, and maintaining applications with a holistic approach, encompassing both frontend and backend technologies. Skilled in full-stack development, specializing in microservices architecture and user-focused design principles. Delivers high-quality code and scalable solutions that prioritize user experience.

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Distributed Research Technology - Uk | June 2024 – Present

Keywords: Mobile, React Native, NextJS, React, NodeJS, AWS, API, FinTech, Web3, Bank etc.

- Designed and developed an intuitive mobile interface for a dual-purpose fintech application that seamlessly handled both traditional financial transactions and cryptocurrency wallet operations.
- Architected and implemented a high-performance React Native Expo application with comprehensive features for crypto asset management and financial services
- Engineered a robust AWS Amplify backend infrastructure, implementing GraphQL queries to optimize content delivery and data management.
- Developed and integrated RESTful API endpoints using AWS Lambda and API Gateway, creating scalable serverless solutions for both application functions. Orchestrated AWS services including Cognito for authentication, DynamoDB for data persistence, and S3 for storage, ensuring application security and scalability

Senior Frontend Engineer | Bankable, London - Uk | April 2022 - May 2024

Keywords: React, NextJS, NodeJS, NestJS AWS, B2B, SAAS, FinTech, API, PostgreSQL, Bank etc

- Collaborated with a cross-functional team to develop and maintain a data intensive B2B platform, resulting in a 30% increase in user engagement.
- Led the frontend team to conceive, craft, and deliver, user-centric responsive front-end interfaces via Micro frontend React implementations. Seamlessly integrated with company and third-party APIs for enhanced functionality.
- Provided pivotal support to the backend team, facilitating the gathering of software specifications and contributing to endpoint development and testing. Implemented RESTful APIs in Node.js (Nestjs) for efficient data retrieval, enhancing system performance and scalability.
- Upheld stringent code quality standards through rigorous project linting with Babel and ESLint, and conducted comprehensive unit and end-to-end testing using Jest and Cypress. Championed Continuous Integration and Deployment (CI/CD) pipelines with Gitlab and AWS, while actively participating in code reviews and mentoring junior developers.

Software Engineer | Ace Studio Tech, USA (Remote) | Jan 2020 – Mar 2022

Keywords: React, NextJS, React Native Python, Django, AWS, API, Dashboards, Charts

- Built a comprehensive CRM (Customer Relationship Manager) software solution and an Internal tool using full-stack architecture with React (Next.js), React Native (Expo) and Python API (Django).
- Solutions substantially decreased the company's reliance on third-party applications by 95%, increased operations efficiency, and resulted in significant cost savings and opening avenues for monetization of the software.
- Resolved critical production issues by analyzing and debugging code, minimizing system downtime and enhancing reliability. Integrated containerization with Docker; continuous integration and continuous delivery (CI/CD) pipelines using Jenkins, automating the deployment process to Vercel, App Stores and AWS.

Full stack Developer | Boiyelove International, Lagos – Nigeria | Sep 2018 – Dec 2019

Keywords: React, NextJS, NodeJS, Java, Spring Boot, AWS, SAAS, E-commerce, API etc.

- Worked on tailored business solutions utilizing React for frontend development, alongside Node.js and Java (Spring boot) APIs, serving as both internal products and external client services.
- Developed an ecommerce platform offering customizable storefronts for seamless integration with WordPress and Shopify stores, managing sales, inventory updates, and stock maintenance.
- Executed comprehensive unit and integration testing to verify software adherence to requirements and identify and resolve defects.

SKILLS

- **Programming Languages:** JavaScript/Typescript, Python & Golang.
- **Problem Solving:** Algorithm design, debugging, data structure, system designs.
- **Frameworks:** React, NextJS, React-Native, ElectronJS, Nodejs, NestJS, Django, DRF, ExpressJS, GraphQL, Gin Gonic etc.
- **Databases:** MongoDB, PostgreSQL, MySQL, Firebase etc.
- **Testing:** Jest, React Testing Library, Enzymes, Cypress, Playwright.
- **Infrastructure:** Docker, AWS (Lambda Functions, EC2, S3, RDS, DynamoDB etc...), Vercel.

EDUCATION

- **Msc - Computer Science** - University of Sunderland, UK. 2024 - 2025.
- **BEng - Chemical Engineering** - University of Benin, Nigeria. 2011 – 2016.

CERTIFICATIONS & TRAINING

- Product Design and Sass Development (HKUST) | 2022
- Advance Software Engineering (Coursera) | 2020