

Adeyemi Adetayo

adeyemiadetayo07@gmail.com | +2348131058329 | <https://www.linkedin.com/in/adeyemiadetayo>

Skills and Certifications

Languages: Typescript, Javascript, C#, Python, Dart, SQL

Frameworks and Tools: Nuxt,Vue,ASP.net core,Flutter,Supabase,Firebase,Fast API,RabbitMQ, Redis, Langchain

Certifications: ISO 27001 ISMS Lead Implementer,IBM Application Security for Developers and DevOps professionals

Core Skills: Technical Leadership and Agile Delivery, Cloud and DevOps with AWS and Azure,

Experience

Head of Engineering, Belema Financial Technology – Nigeria August 2023 – Present

- Led the end-to-end development of a personal banking application, overseeing architecture, delivery, and production readiness across mobile and backend platforms using Flutter, [ASP.net](#) core and Nuxt.
- Led a team of software developers in developing the BelemaPay Payment Gateway using ASP.NET Core, Postgres, Entity Framework, Redis, RabbitMQ, Vue.js, and TypeScript.
- Designed secure database architecture, implementing encryption for data at rest and in transit to protect sensitive card data (PAN, SAD), and developed algorithms ensuring data integrity with optimistic concurrency.
- Developed and implemented a secure software development lifecycle (SDLC) policy, integrating security at every stage with tools like Snyk for static code analysis and Zed for vulnerability scanning.
- Led the team as a Lead Implementer in achieving PCI DSS certification, ensuring compliance with stringent security and regulatory standards.
- Managed integrations with switching and processing companies like Interswitch, NIBSS' NIP, Habari, and Hydrogen, enabling seamless and secure transaction processing.

Section Lead, Stanford Code in Place Program (Volunteer) April 2024 – May 2014

- Provided personalized mentorship to students, guiding them through Python programming fundamentals.
- Achieved a 50% program completion rate among my students by supporting them in completing coding assignments and improving problem-solving skills.

Senior Software Developer, CypherCrescent Limited – Nigeria Jan 2019 – Feb 2023

- Team Lead on SEPAL EPT: Led a cross-disciplinary team of 5 software and petroleum engineers in collaboration with client engineers from NPDC (a subsidiary of NNPC) to conceptualize and develop an enterprise budget planning and optimization tool.
- Team Lead on the SEPAL DIAP: Led a team of software and petroleum engineers in developing and maintaining the SEPAL DIAP application, delivering client value using VueJs, C#, ASP.NET Core, NHibernate, and SQL Server.
- Custom Chart Lib: Developed a custom chart library using TypeScript,SVG,Vue.js for the Drilling and Intervention Planning app, allowing intuitive and detailed drilling sequence visualization for improved planning.

Software Developer, Twinkle Consulting – Nigeria Jan 2018 – Aug 2018

- Developed and customized Native Android applications(using Java) to enhance the Mambu POS system, meeting specific requirements from client microfinance banks (MFBs) and other financial institutions.
- Designed and implemented a custom dashboard for client MFBs, simplifying communication and providing powerful analytics by leveraging data from the Mambu Banking-as-a-Service platform.

Projects and Products

Alcott (A shipping platform) <https://alcott.com.ng>

- Designed and implemented algorithms for accurate shipping cost calculation across international, national(within Nigeria) and intra-city deliveries.
- Automated the submission of shipping requests on partner websites using Playwright, increasing operational efficiency by more than 50% and minimizing human errors during order processing.
- Built and deployed product MVP using Nuxt, Firebase, Google maps API and Paystack for payment processing

QuickPower (On demand Portable Power station Rentals and Electricity unit vending) <https://quickpower.com.ng>

- Built and deployed product MVP, using Nuxt, Prisma(ORM), Postgres and Redis and integrated with Fidelity Bank's Paygate platform to facilitate seamless payments.
- Developed a predictive model using OpenAI's API and Langchain to estimate daily electricity consumption based on user-specific inputs, helping gain a leg over competitors in the market
- QuickPower is now a revenue-generating platform with more 20% month on month revenue growth

SPENigeria (Official mobile application for Society of Petroleum Engineers in Nigeria) [SPENigeria on App store](#)

- Built and deployed community and conference management mobile application for SPE in Nigeria using Flutter, Firebase and Codemagic for deployment automation
- Built and deployed a content management system and analytics dashboard using Nuxt, Firebase, and Vuetify, providing the client with full control over application data management and real-time insights.
- SPENigeria App now has more than 1200 active users and over 2000 downloads on Android and IOS store

HavitDeliveries (Logistics platform) <https://havitdeliveries.com>

- Built and deployed the HavitDeliveries mobile application with real time rider location tracking and robust notification system using Flutter, Firebase and Codemagic for deployment automation
- Built and deployed a content management system and analytics dashboard real time order management and support using Nuxt, Firebase, and Vuetify, Google map API and Google distance API
- HavitDeliveries App now has more than 200 active users

Education

University of Benin – BEng Petroleum Engineering

Aug 2017

Tekedia Business school – Mini MBA

October 2022