

TAIWO IFEDAYO

taiwo.ifedayo.gabriel@gmail.com | | [linkedin.com/in/techmornach](https://www.linkedin.com/in/techmornach) | taiwoifedayo.com.ng
github.com/techmornach

SUMMARY

I'm a dedicated and efficient Software Engineer skilled in developing cutting-edge web and mobile applications powered by AI. With expertise in blockchain and cybersecurity, I ensure robust and secure solutions. Additionally, my proficiency in data analysis complements my ability to construct high-performing backend architectures, ensuring optimal functionality and efficiency.

TECHNICAL SKILLS

- Programming Language:** JavaScript, Typescript, Python, C#, MATLAB, Dart, C++, Rust, Mql5, Mql4
- Web Technologies:** React.js, Next.js, Tailwind, Node.js, WordPress, Tensorflow.js, Angular, Material UI
- Mobile Technologies:** React Native, Expo, Flutter, Swift, Swift UI, Tamagui, Native Wind, GlueStack.io
- Backend Technologies:** Express.js, Django, Nest.js, dot Net 5, Postman, Swagger, Flask
- Cybersecurity Technologies:** Burp suite, Nmap, Aircrackng, Wireshark, Metasploit
- Database Management:** MongoDB, Redis, Prisma, Firebase, Supabase, Appwrite, PostgreSQL, mySql, Elasticsearch, TypeORM
- Deployment Tools:** Render, AWS, Docker, Docker Compose, Kubernetes, Microsoft Azure, Vercel, Netlify
- Version Control:** Git, GitHub, GitLab
- Other Tools:** Jupyter Notebook, Tensorflow, MATLAB, Anaconda, PyTorch

PROFESSIONAL EXPERIENCE

Psyminimal

Software Engineer

Contract

03/2024 - Present

- Implemented modern web technologies and best practices, leading to a **35%** reduction in page load speeds and increased conversion rates.
- Implemented backend optimizations, resulting in improved system efficiency and scalability, contributing to enhanced performance and customer satisfaction.
- Implemented database optimizations, including **indexing** and **query tuning**, resulting in faster data access and improved application responsiveness.

Artbok

Technical Lead / Backend Developer

Remote

03/2024 - Present

- Orchestrated project planning and execution, ensuring alignment with business goals and technical feasibility, resulting in timely and successful product deliveries.
- Designed and developed robust backend systems using **Node.js**, ensuring scalability, reliability, and high performance under heavy loads.
- Implemented **data models** and **database interactions**, **optimizing queries** and **data storage** for **efficient data retrieval** and management, contributing to overall system stability and performance.

Switchive

Software Engineer

Contract

02/2024 - Present

- Engineered scalable and efficient backend solutions using **NestJS** framework, leveraging its modular architecture and dependency injection to enhance maintainability and extensibility.
- Implemented robust data storage and retrieval mechanisms using **MongoDB** and **TypeORM**, ensuring data consistency, integrity, and performance in high-throughput environments.
- Implemented reusable UI components and layouts, promoting consistency and scalability across the application while reducing development time and effort.
- Leveraged **Tailwind CSS** utility classes to efficiently style components, enabling rapid prototyping and iterative design improvements, resulting in a sleek and intuitive user interface.

Travel Yakata

Software Engineer

Remote

01/2024 - Present

- Architected and developed robust **RESTful APIs** using **Node.js** and **Express** framework, ensuring efficient data transfer and seamless communication between frontend and backend systems.
- Designed and developed dynamic and interactive user interfaces using **Next.js** framework, leveraging its server-side rendering capabilities for improved **SEO** and performance.
- Utilized **Next.js** routing and navigation features to create a seamless browsing experience, enhancing user engagement and retention rates.
- Optimized application performance through efficient **request handling** and **response caching**, resulting in reduced latency and enhanced scalability to handle increased user traffic.

Gomycode

Software Engineering Instructor

Part Time

09/2023 - Present

- Guiding students through building real-world **React** applications, incorporating best practices and industry-standard patterns.
- Providing thorough instruction in foundational web technologies such as **HTML**, **CSS**, and **JavaScript**, covering topics like **DOM** manipulation, styling, and event handling.
- Explaining key internet protocols and technologies, including **HTTP**, **HTTPS**, **DNS**, and **TCP/IP**, to provide students with a comprehensive understanding of how the internet works.
- Addressing emerging trends and technologies in internet development, such as **Progressive Web Apps (PWAs)** and **WebAssembly**, to prepare students for the evolving landscape of web development.

Omniteleos

Tech Lead

Remote

11/2022 - Present

- Spearheaded the technical direction and roadmap for Omniteleos projects, aligning with business objectives and ensuring successful project delivery within set timelines and budget constraints.
- Designed and implemented complex software solutions, leveraging advanced algorithms and data structures to optimize system performance and scalability, contributing to the overall success of Omniteleos projects.
- Implemented **authentication** and **authorization** mechanisms, ensuring secure access to sensitive data and functionalities, thus safeguarding user privacy and system integrity.

Nikeobitech

Mobile Developer

Contract

02/2023 - Present

- Implemented performance optimizations and fine-tuned UI components to ensure smooth and responsive user experiences, resulting in reduced app load times and enhanced user satisfaction.
- Integrated third-party APIs and services, such as authentication, geolocation, and push notifications, to enrich app functionality and improve user engagement, while adhering to security and privacy best practices.
- Engineered robust and scalable cross-platform mobile applications using **React Native** framework, ensuring seamless performance and user interface consistency across iOS and Android platforms.

Shopascart

Software Engineer

Contract

10/2023 - 12/2023

- Implemented state management solutions using **React Context API**, ensuring efficient data flow and seamless synchronization of application state across components, leading to improved scalability and maintainability of the codebase.
- Integrated with external APIs and backend services to fetch and display dynamic content.
- Implemented and maintained front-end web applications, resulting in a **35%** reduction in page load speeds and conversion rates by utilizing modern web technologies such as Next.js and best practices for user experience and accessibility.

Luvable Babycare Stores

Software Engineer

Remote

09/2020 - Present

- Led the development of the entire e-commerce platform, from frontend user interfaces to backend APIs and database systems, ensuring a cohesive and integrated shopping experience for users.
- Integrated payment gateways and third-party services to enable secure and seamless transactions, implemented features such as payment processing, order tracking, and inventory management, ensuring a smooth end-to-end shopping experience for customers.
- Conducted performance optimizations and scalability enhancements, including caching strategies, database indexing, and load balancing, to ensure the platform can handle high traffic volumes during peak shopping seasons, providing a reliable and responsive shopping experience for users.

Mobile Engineer

Mobile Hardware Engineer

Full Time

09/2018- 10/2019

- Demonstrated proficiency in diagnosing hardware issues in mobile phones through thorough analysis and testing, identifying root causes of malfunctions such as screen defects, battery failures, or connectivity issues.
- Applied precise repair techniques to rectify hardware problems in mobile devices, including disassembly, component replacement, soldering, and reassembly, ensuring the restoration of full functionality while maintaining the integrity of the device.
- Conducted rigorous quality assurance tests post-repair to verify proper functioning of repaired components, ensuring adherence to manufacturer specifications and industry standards for reliability and performance.

PROJECTS

<u>Psymnl - A social and ecommerce platform geared towards creatives</u>	03/2024 - Present
<u>Artbok - An NFT print on demand marketplace</u>	02/2024 - Present
<u>Switchive - A cryptocurrency powered marketplace</u>	03/2024 - Present
<u>Tyktt- A Travel Ticket Booking Platform</u>	01/2024 - Present
<u>Nigold- An Online Food Ordering Mobile Application</u>	02/2024 - Present

EDUCATION

National Open University Of Nigeria

Bachelor's, Computer Science

MIVA Open University

Bachelor's, Software Engineering