

Moses Adebayo

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EDUCATION

Lagos State Polytechnic

Higher National Diploma in Computer Science

Lagos, NGA

May. 2022 – Aug 2024

EXPERIENCE

Full-Stack Developer

JOPHAB

Nov 2024 – Present

Remote

- Develop and maintain scalable backend services using Node.js and TypeScript, implementing RESTful APIs and endpoints with ExpressJS with comprehensive documentation.
- Architect and optimize database solutions using PostgreSQL, focusing on query performance and data integrity.
- Implemented architecture with PM2 and Nginx, enhancing system scalability and separation of concerns for deployments.
- Led code reviews and implement CI/CD pipelines, improving development workflow and reducing deployment errors by 40%.

Frontend Lead Developer

Foodpulse

Oct 2024 – Nov 2024

Aberdeen, United Kingdom

- Integrated frontend applications with backend services using Expressjs and RESTful APIs, ensuring type safety with TypeScript.
- Collaborated with backend developers to design and implement efficient API endpoints, improving data flow.%.
- Implemented state management patterns and server-side data fetching strategies with React Query for optimized performance.
- Mentored the junior developer in TypeScript best practices and API integration patterns, improving team productivity.

Full Stack Developer

Remotual

Aug 2022 – Jan 2024

Illinois, Chicago

- Designed and built backend services with Node.js, Express, and TypeScript, implementing RESTful APIs with comprehensive documentation.
- Developed and maintained microservices architecture utilizing Docker containers and AWS deployment for scalability and reliability.
- Implemented data persistence strategies with PostgreSQL and MongoDB, optimizing queries and ensuring data integrity across services.
- Created authentication and authorization systems with JWT and OAuth2, ensuring secure API access and data protection.

Frontend Developer

Luvanex Group

March 2021 – October 2021

Lagos, NGA

- Collaborated with backend developers to integrate frontend applications with APIs using PHP.
- Implemented secure authentication flows and role-based access control, reducing security vulnerabilities by 35%.
- Worked with server-side rendering techniques to improve SEO and initial page load performance by 40%.
- Developed data visualization components for backend metrics on internal websites..

PROJECTS

Docksmith CLI | TypeScript, Node.js, Docker

2025

- Created a CLI tool that automatically detects project frameworks and generates compatible Dockerfiles with appropriate configurations.
- Implemented framework detection algorithms for Node.js, Expressjs, Next.js, and other popular frameworks with 95% accuracy.
- Clean architecture for extensibility, allowing community contributions for additional framework support.

Interactive Assessment Platform | Node.js, TypeScript, Express, MongoDB, WebSockets

2024

- Architected and implemented a scalable backend for an assessment platform with RESTful APIs and real-time WebSocket connections.
- Designed database schema in MongoDB for optimal query performance and data integrity, implementing data validation and sanitization.
- Built authentication and authorization system with role-based access control, ensuring secure data access and user management.

TECHNICAL SKILLS

Backend Technologies: Node.js, TypeScript, Express, NestJS, GraphQL, RESTful APIs

Databases: PostgreSQL, MySQL, Redis, MySQL, Database Design

DevOps: Docker, PM2, AWS, CI/CD, Git

Architecture: Microservices, Event-driven, Clean Architecture, API Design

Frontend: React, TypeScript, JavaScript (ES6+), Tailwind, Framer-Motion

Testing & Tools: Jest, Mocha, Postman, Swagger, VS Code