AYORINDE TIMILEHIN
Software Engineer

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SUMMARY

Versatile fullstack engineer with 4+ years of experience building robust backend systems and dynamic frontend interfaces. Adept at creating scalable APIs, optimizing application performance, and delivering seamless user experiences using technologies like Java (Spring Boot), Node.js, React, NestJS, PostgreSQL, and MongoDB. Proven ability to lead development efforts, resolve complex issues, and contribute across the stack in collaborative environments.

KEY SKILLS

Fullstack Development • REST & SOAP APIs • Microservices • Debugging & Optimization • Scalable System Design • UI/UX Implementation • CI/CD Pipelines • Cross-functional Collaboration • Agile Methodologies

TECHNICAL SKILLS

Frontend: React, Redux, Next.js, Angular, HTML, CSS, JavaScript, Tailwind CSS, Material UI, Bootstrap
Backend: Java (8/17), Spring Boot, Node.js, NestJS, ExpressDatabases: PostgreSQL, MongoDB, Oracle SQL
Infrastructure: Redis, RabbitMQ, MemCache, Docker, GitTools & Platforms: Postman, Vercel, Heroku, Jira, Jest, GitHub

PROFESSIONAL EXPERIENCE

Software Engineer | Seamfix   May 2022 – Present

- Developed and maintained over 30 RESTful APIs supporting enterprise dashboards and internal tools for 10,000+ users.
- Upgraded legacy Java EE modules to Spring Boot, cutting service initialization time by 40% and improving maintainability.
- Transitioned from MemCache to Redis for data caching, reducing high-traffic endpoint latency by 50%.
- Replaced JMS with RabbitMQ to improve queue processing efficiency and reliability by 60%.
- Migrated the codebase from Java 8 to Java 17, enhancing security and leveraging newer language features.
- Integrated SOAP-based third-party systems to support national SIM registration and biometric verification.
- Utilized MongoDB, PostgreSQL, and Oracle SQL for distributed data operations across enterprise applications.
- Led frontend efforts to enhance existing dashboards and reporting tools using Angular, increasing usability and performance by 35%.
- Implemented responsive UI components and dashboard visualizations, contributing to a 40% improvement in user engagement.
- Resolved over 75 critical bugs, contributing to a 98% uptime and reducing support tickets by 35%.

Freelance Backend Developer (Contract) | Tradelenda   March 2025

- Resolved NestJS dependency injection issues using forwardRef, stabilizing critical microservices.
- Debugged third-party payment API integration failure caused by malformed response headers.
- Built an interceptor middleware to auto-correct response headers, increasing transaction reliability by 100%.

Lead Frontend Engineer | Alluvium   Mar 2022 – Feb 2024

- Participated in development of the company's LMS and scaling to support 2,000+ daily users.
- Designed and implemented reusable React components and page layouts for consistent UI across platforms.
- Exposed backend APIs using Next.js and Node.js for lesson delivery, quiz management, and analytics.
- Implemented secure login and access control via JWT, improving authentication response time by 30%.
- Integrated third-party tools like analytics dashboards, improving platform utility.
- Collaborated closely with designers to ensure pixel-perfect UI implementation, enhancing user satisfaction.

Fullstack Web developer | Kadick Integrated Limited   Aug 2021 - May 2022

- Created and documented over 20 REST APIs in Node.js for internal and mobile app consumption.
- Developed backend services for user registration, location tracking, and real-time dashboard analytics.
- Implemented mobile-first responsive UIs using Tailwind CSS, Next.js and React, increasing mobile adoption by 25%.
- Collaborated with product managers to refine API contracts and enhance UX, leading to 18% faster app performance.
- Conducted frontend integrations with mobile and web platforms, reducing bug rate by 25%.

Software Engineer (Contract) | Compugeen   Sept 2021 - Dec 2021

- Built and secured RESTful APIs for 3 enterprise products using Node.js and token-based auth systems.
- Developed dynamic web interfaces using Angular and Bootstrap, contributing to faster feature rollouts.
- Reduced backend load times by 20% through performance profiling and optimization.
- Delivered features on time in 95% of sprints by collaborating effectively with remote agile teams.

EDUCATION

B.Eng Computer Engineering (Second Class Upper)   Oct 2014 – Oct 2019
University Of Ilorin, Nigeria

CERTIFICATIONS

[CS50x](#) - Cambridge, Massachusetts. (2021)
[RESPONSIVE WEB DEVELOPMENT](#) - freeCodeCamp.org. (April 18, 2021)
[Jira Fundamentals](#) - Atlassian University. (March 14, 2022)
[Angular](#) - Udemy (2023)

More work experience available on [TIMILEHIN AYORINDE | LinkedIn](#)