




TIMILEHIN ODUSANYA

FULL STACK SOFTWARE ENGINEER


CONTACT

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SKILLS

Frontend Development

HTML

CSS

Bootstrap

SASS, SCSS

Tailwind

CSS Styled Components

JavaScript

jQuery

React JS

Redux

React Native

Zustand

Next Js

Enzyme

Webpack

Flux

TypeScript

Backend Development

Node JS

Express

Nest JS

C#

.NET Core

TypeScript

GraphQL

Database

SQL (MS SQL, MySQL)

NoSQL - MongoDB (Mongoose)

PROFILE

Full Stack Engineer with 5+ years of experience architecting and scaling cutting-edge web and mobile applications. Expert in translating complex business needs into elegant, performant solutions using modern front-end technologies (React, Next.js) and robust back-end stacks (Node.js, TypeScript, NestJS, .NET). Proven ability to design secure, production-ready APIs, implement cloud-native architectures (AWS), and optimize both SQL and NoSQL databases for reliability and speed. A collaborative leader and continuous learner who thrives in fast-paced, agile environments—consistently driving innovation, technical excellence, and user impact across every stage of the development lifecycle.

WORK EXPERIENCE

Senior Full Stack Engineer

DivVerse LLC

October 2023 - August 2025 / Texas, USA (Remote)

- Developed AI-Powered global talent, hiring, payroll, HR, management solution with development team with over 500 companies and 100k+ active users.
- Enhanced state management efficiency by optimizing Redux patterns, using memoization techniques (React.memo, useMemo) to eliminate unnecessary re-renders and reduce CPU usage by 35%.
- Integrated AI-based modules and APIs to automate the generation of JD, candidate assessments, auto scoring, enhancing 99.9% efficiency for recruiters.
- Implemented comprehensive API security measures using OAuth 2.0 and JWT, safeguarding sensitive booking and payment data while ensuring secure integrations with third-party services.
- Collaborated with designers and team to develop user interface design and actively participated in the system requirement and analysis phase for a streamlined and user-friendly lobby.ai using React.js, Tailwind CSS, enhancing functionality and user experience (UX) design principles.
- Implemented a robust AWS cloud architecture, leveraging services like Lambda, EC2, S3, and RDS to automate deployments and improve system reliability by 25%.
- Led front-end architecture design leveraging advanced concepts like component lifecycle, Context API, and Server-Side Rendering (SSR) in Next.js to boost SEO and improve application performance.
- Streamlined app development workflow with React Native, cutting production time by 35% with efficient code-sharing and optimized state management, enabling rapid feature releases

Full Stack Developer

Voyatek Group

January 2023 - December 2024 / Calgary, Canada (Remote)

- Designed and developed robust RESTful APIs and GraphQL endpoints for the www.discovatrips.com and GoPaddi platforms, enabling seamless global booking management across flights, restaurants, hotels, nightlife, and activities.
- Integrated complex booking systems with payment gateways and user management features, resulting in a unified platform that streamlined the entire booking process and improved transaction success rates.

Cloud

EC2, S3, RDS, DynamoDB, Lambda, IAM, CloudWatch

Version Control

Git

GitHub

Other

C

Java

Shell Scripting/Unix

Data Structures and Algorithms

Object Oriented Programming

Core Skills

Agile Methodologies (Scrum)

Team Collaboration Excellent

Work Ethic Outstanding

Communication

Leadership and Mentorship

Strong verbal and written

communication skill

Complex Problem Solving

Critical Thinking

- Engineered scalable web services that facilitated real-time reservation updates, cancellations, and modifications, significantly enhancing user experience and operational efficiency.
- Successfully integrated new and advanced SEO and performance optimization techniques in existing websites to meet industry and company standards.
- Engineered scalable, reusable, and high-performance user interfaces using React.js, Next.js, and Redux, optimizing rendering logic with React hooks and reducing app load times by 40%.
- Utilized Flux architecture to design clean, maintainable front-end workflows, ensuring predictable state changes across components and improving app reliability in complex React applications.
- Architected and integrated real-time audio and video communication features, with websockets enabling seamless conferencing and in-app chat that improved user engagement.
- Integrated third party systems, payment APIs, user authentication, authorization, OAuth and JWT, Models and database management for backend systems.
- Designed intuitive, cross-platform interfaces in React Native, improving user retention by 30% through seamless navigation and fast load times on both iOS and Android.

Software Developer

Siciliamia

October 2019 - November 2022 / Sicily, Italy (Remote)

- Developed applications with 2,000+ monthly active users for college admissions, selection using React, Redux, Node JS and a delivery management platform with 100+ business customers to create, manage, and monitor deliveries using React and Angular JS.
- Implemented a suite of automated tests for frontend systems including Mocha, Enzyme and Jest, increasing code coverage to 85% and ensuring high reliability and maintainability of the codebase.
- Monitored and optimized application performance using Chrome DevTools and Lighthouse audits, diagnosing memory leaks, optimizing API requests, and enhancing front-end responsiveness by 20%.
- Collaborated with software engineers to develop the user interface for a web-based gaming application, allowing users to engage in trivia games, accumulate points, and compete for prizes.
- Practiced Agile Methodology for Software Development and Project Management.

EDUCATION

Federal University of Agriculture, Abeokuta

Bachelor of Science (B.Sc.), Computer Science.

April, 2017 - February, 2023 ABEOKUTA, NIGERIA.

CERTIFICATIONS

Diploma Software Engineering

ALX, Holberton School

September 2022 - September 2023 Remote