

BOLUWATIFE AJAYI

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Software Engineer

Software Engineer with 5+ years of experience building high-performance web and mobile applications using React.js, Next.js, Node.js, and React Native. Skilled in scalable backend services, microservices, real-time features, and cloud-based solutions. Proven track record improving performance, leading development teams, and delivering user-centric products for startups and enterprise clients.

SKILLS

Frontend: Axios, CSS3, HTML5, JavaScript, Next.js, React.js, React Query, Redux, REST, Tailwind CSS, TypeScript, Vue.js, Zustand

Server-Side & Backend: API Design & Integration, Authentication & Authorization (JWT, Caching & Performance Optimization, Express.js, Microservices, MongoDB, Node.js, OAuth), PostgreSQL, Python, Redis, WebSockets

Mobile Development: Android Studio, iOS Development, Kotlin, Maps & Location Services, Push Notifications, React Native, Real-Time Tracking

DevOps & Cloud: AWS (EC2, CI/CD Pipelines, CloudFront, Docker, GitHub Actions, Jenkins, Lambda), Linux, Load Balancing, Nginx

Tools & Workflow: Figma, Git, Jira, Lighthouse Performance Optimization, Postman, Scrum/Agile, Socket.io, TDD & Unit Testing (Jest)

WORK EXPERIENCE

Auqli Limited

Oct 2024 - Present

Software Engineer | Tech Lead · Full-time

WA (Remote), Seattle

- Architected and developed a live shopping and community platform using Node.js, Express, MongoDB, and a microservices architecture.
- Built real-time streaming, buyer-seller messaging, live comments, and interactive reactions using WebSockets, significantly increasing user engagement and average session time.
- Designed and implemented personalized infinite-scroll "blip" recommendation algorithms that surfaced relevant content based on user interest, engagement history, and seller-following data, improving retention and repeat watch time.
- Optimized backend architecture and API performance through caching, database indexing, and load balancing, resulting in a 30% reduction in latency during peak usage.
- Led an agile engineering team, managed sprint planning, and ensured on-time delivery of high-impact features.

Innoteris

Apr 2024 - Jul 2025

Frontend Engineer · Contractor

Nigeria (Remote), Lagos

- Developed and maintained multiple production applications for clients, including a full e-commerce platform and a logistics admin dashboard used to assign and manage delivery partners across regions.
- Built a React Native mobile app for delivery personnel featuring real-time map tracking, route updates, live delivery status, and push notifications, improving delivery accuracy and response time.
- Implemented clean UI architecture with reusable components, responsive layouts, and efficient state management using Redux and TypeScript.
- Integrated REST APIs, maps, and location services to enable real-time data flow between admin dashboards and drivers in the field.

Mylegalsoftware
Lead Frontend Engineer · Full-time

Apr 2023 - May 2025
New York (Remote), Hicksville

- Web App Optimization: Achieved 97% performance and 100% SEO scores for web apps using Next.js, lazy loading, and API optimization.
- Designed admin dashboards with real-time analytics and D3.js/Chart.js visualizations for internal stakeholders.
- Built cross-platform React Native apps for iOS and Android with Redux-based state management.

- Led frontend architecture, CI/CD, code reviews, and TDD, improving code quality and deployment efficiency.

Falcon Aerospace Limited
Frontend Engineer

Sep 2023 - Nov 2024
Nigeria, Lagos

- UI/UX Development: Created high-performance interfaces for private jet bookings, improving customer satisfaction and engagement.
- Data-Driven Improvements: Used analytics and feedback to optimize UI/UX, reduce load times, and increase retention.
- Collaboration: Worked with cross-functional teams to integrate best practices in design and performance tuning.

EDUCATION

Masters of Science in Information Technology: Software Engineering

Leeds Beckett University

Leeds, United Kingdom • Sep 2025 - Sep 2026

Focus areas: Advanced Software Engineering, Cloud Computing, and Agile Development

Bachelors of Science in Computer Information Systems

Covenant University • GPA: 3.9

Ogun State, Nigeria • Sep 2018 - Aug 2022

CERTIFICATIONS

JavaScript Algorithms and Data Structures

Free Code Camp

Advanced React

Coursera

Frontend Development Complete Guide

Udemy