YEWANDE HASSAN

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Summary

Software Engineer with 4+ years of experience building scalable, high-performance web applications using TypeScript, React.js, Next.js, Angular v16+, RxJS, CSS, and modern API architectures. Strong background in designing intuitive, user-focused interfaces and developing robust server-side systems with Node.js, Java and PostgreSQL. Proven ability in debugging, performance optimization, and integrating complex systems in production environments. Hands-on experience with AWS cloud services, CI/CD pipelines, Docker, and observability practices while supporting large-scale applications. Holds a Master's degree in Computer Science with a concentration in Software Engineering, and continues to expand expertise in Infrastructure-as-Code, and AI-powered tools to deliver reliable, full-stack solutions.

Technical Skills

- **Frontend & UI:** TypeScript, Angular, React, Next.js, JavaScript, CSS3, HTML5, Responsive Design, Figma
- **Backend & APIs:** Node.js, Python(Flask), Firebase, Java, API Integration, PostgreSQL, MySQL
- **Cloud & Infrastructure:** AWS (EC2, S3, Route 53, CloudFront), Docker, Kubernetes, Github Action, Terraform(IaC), Deployment Pipelines, Monitoring & Observability
- **Soft Skills:** Communication, Problem Solving, Troubleshooting, Team Collaboration, Resilience, Root Cause Analysis, Debugging

Work Experience

Montclair State University   **Aug 2024 - Present**
Technical Support Specialist   *Montclair, NJ*

- Resolved 2,000+ technical incidents across hardware, software, storage/memory issues, and network connectivity, including DNS configurations and VPN failures by improving issue resolution speed and reducing recurring requests through root-cause analysis.
- Delivered in-person and remote support for 20,000+ students, faculty, and staff, managing authentication, account provisioning, and secure system access while maintaining 95%+ satisfaction across support channels.
- Configured and supported MFA (Duo, Google Authenticator), VPN (Cisco AnyConnect), and Active Directory permissions, ensuring role-appropriate access, data protection, and minimal downtime for end users.

Demicare(Contract)   **Jan 2024 - Present**
Frontend Developer (Angular)   *Delaware, USA*

- Built responsive web interfaces for Demicare's skin analysis platform, ensuring seamless interaction across desktop and tablet browsers.
- Implemented the product management dashboard to add, update, and organize skincare products, so brands can easily sync product catalogs with the analysis engine.
- Developed data visualization components to display detailed skin analysis results and user insights in intuitive charts and visuals.
- Integrated QR code generation and result sharing features enabling clients to access their personalized skin reports and recommendations on mobile devices
- Connected frontend to analytics and CRM systems to capture user trends, email marketing triggers, and performance data for skincare brands.
- Leveraged Autopilot for AI integration to streamline how skin analysis results were processed and surfaced in the application, helping automate insights, personalize recommendations, and reduce manual intervention while maintaining system reliability and user trust.

Casava Microinsurance Limited   **Jan 2023 - Jan 2024**
Software Engineer   *Lagos, NGA*

- Delivered 20+ scalable, production-ready UI components in React and Tailwind CSS, transforming Figma designs into a unified design system that improved development speed and consistency across customer-facing micro-insurance products.
- Integrated real-time policy and claims data by connecting React components to Node.js and RESTful APIs, reducing data retrieval latency and improving customer response times across thousands of active users.
- Boosted application performance by 30% through optimized data-fetching patterns and reduced unnecessary re-renders, resulting in faster load times and a smoother user experience for policyholders.
- Built a reusable internal component library (React + TypeScript + Tailwind, tested with Jest/RTL, documented with Storybook, packaged with Rollup), standardizing UI across teams and accelerating feature delivery cycles by 40%.

Cicoserve   **Jan 2022 - Dec 2022**
Software Engineer   *Lagos, NGA*

- Led frontend development of a SaaS banking platform using React, JavaScript, and Tailwind CSS, delivering responsive, WCAG-aligned interfaces that supported core financial operations for end users.
- Increased frontend performance by 30% through optimized component rendering, reduced API overhead, and refined state-management strategies, resulting in a noticeably faster and smoother financial user experience.
- Integrated Python/PostgreSQL backend services with the frontend, ensuring reliable real-time data synchronization and minimizing inconsistencies across customer-facing features.
- Built automated CI/CD workflows using GitHub Actions, cutting deployment friction and enabling the team to release new features and fixes 40% faster.

Projects

Tymmed | Click me!   **Nov 2025 - Present**

- Tymmed is a scheduling and payment platform that allows service providers to set their prices, manage bookings, receive automatic payments, and reward clients with cashback. Built with AI-powered scheduling, billing, and payout automation to ensure seamless and transparent transactions.

Job Tracker Application | Click me!   **Sep 2025 - Present**

- Job tracker application is an AI-powered job-tracking platform to streamline the job search workflow. Designed intuitive UI components and real-time data features that help users organize applications, track interview stages, and stay on schedule. Integrated AI to recommend task prioritization and suggest opportunities based on user activity.

Demicare | Click me!   **Jan 2024**

- Demicare is a skincare analysis and solution platform that uses AI and human expertise to provide in-depth skin assessments and personalized product recommendations. It's designed to be used in-store or by skincare brands to help customers understand their skin concerns and find the right products quickly.

Education

Montclair State University | *Master of Science, Computer Science*   **New Jersey, United States Aug 2023 - Dec 2025**

Obafemi Awolowo University | *Bachelor of Science, Chemical Engineering*   **Ile-Ife, Nigeria Feb 2015 - May 2020**

Certifications

- Computer Networks and Network Security - IBM
- Google IT Support Professional
- Introduction to Cybersecurity - Cisco
- AWS Certified Cloud Practitioner