

Dickson Dickson - Software Engineer

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Product-minded full-stack developer with 3+ years of experience building scalable web applications that drive measurable business impact. Proven track record of contributing to product strategy, reducing infrastructure costs by reasonable technical decisions and implementation, and improving user experience through performance optimization. Successfully shipped products across healthcare, PaaS, and SaaS domains while mentoring development teams and actively participating in technical architecture decisions. Passionate about translating complex requirements into intuitive user experiences that enable growth and operational efficiency.

EXPERIENCE

Product 7

January 2025 – Present

Frontend Software Engineer

Remote

- Architected comprehensive product feedback management platform with multi-workspace architecture, role-based permissions, and public/private board functionality
- Actively participated in weekly product planning sessions and contributed to technical architecture decisions as key stakeholder
- Implemented real-time voting system with WebSocket integration enabling instant vote counts and live notifications across user sessions
- Developed granular permissions system supporting multiple user roles with workspace-specific access controls and board visibility management
- Built automated changelog generation system tracking feature updates and product evolution for transparent customer communication
- Engineered OAuth integration with JWT token management providing secure authentication across multiple workspace environments

Ignite

April 2024 – December 2024

Frontend Software Engineer

Remote

- Led development of Nuxt-based cloud PaaS solution, architecting scalable frontend infrastructure supporting deployment of web services, databases, and static sites
- Engineered comprehensive monitoring system with real-time metrics, enabling data-driven infrastructure decisions
- Developed environment management platform reducing configuration time by 70%, significantly improving developer productivity and user experience
- Built real-time logging system processing 100K+ daily entries with sub-second response time
- Created dynamic visualization components for infrastructure topology, enhancing operational transparency

Mlooop

Fullstack Engineer | Contract

August 2024 – December 2024

Remote

- Deployed complete AWS infrastructure using CDK, implementing infrastructure-as-code practices that reduced manual errors and deployment time
- Achieved 96/100 Lighthouse performance score through strategic optimization, reducing page load times and improving user engagement for medical platform
- Designed optimized PostgreSQL schema with indexed queries achieving sub-150ms response times for critical medical data retrieval
- Reduced infrastructure costs by 40% through auto-scaling implementation and efficient resource allocation
- Developed custom Express middleware with real-time WebSocket integration for live medical data processing

Mediboards

Fullstack Software Engineer

April 2023 – March 2024

Remote

- Engineered comprehensive digital signage and patient management system, focusing on security, scalability, and regulatory compliance (NDPR, NHA)
- Architected sophisticated multi-tenant system supporting hierarchical sub-account management with customized interfaces
- Established robust CI/CD pipeline using GitHub Actions, reducing deployment time by 85% and eliminating manual configuration errors
- Implemented granular role-based access control system enabling scalable privilege management
- Developed secure real-time display system for patient management with automated notifications

Clinikli

Frontend Engineer

April 2022 – March 2023

Remote

- Conceptualized and implemented geospatial matching algorithm using Google Maps API, reducing patient-to-doctor matching time by 75%
- Engineered scalable Vue.js application serving hundreds of monthly users with advanced location-based search capabilities
- Developed 20+ reusable composables for API integration and state management, reducing codebase size by 40%
- Built modular component architecture supporting 5 healthcare service types with 98% code reuse
- Optimized application performance achieving 90+ Lighthouse score and 2.5s average page load time

Sonvisage

Frontend Engineer

March 2021 – Feb 2022

Remote

- Delivered pixel-perfect UI implementation for healthcare management platform with 100% design fidelity across 30+ screens
- Engineered bulk upload system handling 10,000+ records simultaneously, reducing processing time from 3 minutes to 8 seconds

- Built responsive admin dashboard tracking 15+ key metrics with real-time updates for 900+ daily active users
- Achieved 65% reduction in bundle size through strategic code splitting and lazy loading optimization
- Collaborated with product team to implement data handling solutions supporting rapid user growth

Technical Leadership & Innovation

Codon Labs | Founder & Technical Lead | *Current Project*

- Building in-silico prediction platform for chemical toxicity using machine learning and computational chemistry
- Developing full-stack application integrating RDKit, Mordred, and Scikit-learn for molecular analysis
- Exploring commercial applications and platform capabilities for toxicity prediction technology

Mentorship & Knowledge Sharing

- Mentored development teams and bootcamp developers.
- Conducted technical presentations to stakeholders and cross-functional teams
- Led code review processes and established development best practices
- Facilitated knowledge transfer sessions for complex technical implementations
- Writing technical articles on medium and hashnode

EDUCATION

Faculty of Sciences, Benue State University, Makurdi

Bachelors in Environmental Management and Toxicology

April 2024

Makurdi, Nigeria

SKILLS & TECHNOLOGIES

- **Programming Languages & Core Technologies:** Typescript, Javascript, Python, Nodejs/Express.
- **Frontend Development:** React, Next.js, Vue.js, Nuxt, Unit testing, E2E Testing.
- **Backend & Infrastructure:** Docker, Postgres, MongoDB, Redis, AWS, Supabase, Github Actions.
- **Product & Leadership Skills:** Cross-functional Collaboration, Technical Architecture, Stakeholder Communication, Product Strategy, Growth-Driven Development, Remote Team Leadership

Language

English: Native proficiency

French: Basic proficiency