

Dickson Dickson - Software Engineer

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EXPERIENCE

Product 7

January 2025 – Present

Frontend Software Engineer

Remote

- Developed customer feedback and feature voting system with Nuxt 3 featuring SSR for initial page loads and CSR for dynamic content updates
- Implemented tenant isolation using route middleware and Pinia stores, ensuring data separation across multiple client instances
- Built dynamic board/roadmap visualizations with draggable components allowing PMs to manage feature priorities
- Created upvoting system with WebSockets enabling real-time vote counts and notifications without page refresh
- Engineered OAuth integration supporting login via multiple providers (Google) with JWT token management

Ignite

April 2024 – December 2024

Frontend Software Engineer

Remote

- Led development of a Nuxt-based cloud Platform-as-a-Service (PaaS) solution enabling seamless application deployment and management. Architected scalable frontend infrastructure supporting deployment of web services, static sites, and databases
- Engineered comprehensive monitoring system displaying real-time CPU, memory, bandwidth, and request metrics
- Developed environment management platform reducing configuration time by 70%
- Built real-time logging system processing 100K+ daily entries with sub-second response time
- Created dynamic visualization components for infrastructure topology and resource allocation

Mlooop

August 2024 – December 2024

Fullstack Engineer | Contract

Remote

- Deployed complete AWS infrastructure using CDK, automating server, API, frontend, and database provisioning with infrastructure as code practices
- Achieved 96/100 Lighthouse performance score through advanced optimization techniques, strategic caching, and Tailwind CSS implementation
- Designed optimized PostgreSQL schema with indexed queries handling complex patient records, achieving sub-150ms response times for critical medical data retrieval
- Developed custom Express middleware with real-time WebSocket integration for live medical data processing and patient monitoring
- Reduced infrastructure costs by 40% through auto-scaling groups, optimized database queries, and efficient resource allocation across AWS services

Mediboards

Fullstack Software Engineer

April 2023 – March 2024

Remote

- Engineered a comprehensive digital signage and patient management system for healthcare facilities with focus on security, scalability, and NDPR, NHA compliance.
- Architected sophisticated multi-tenant system supporting hierarchical sub-account management with customized interfaces for different facility types
- Designed PostgreSQL architecture optimized for healthcare data compliance (NDPR, NHA)
- Established robust CI/CD pipeline using GitHub Actions, enabling automated testing, deployment, and rollback capabilities
- Built automated infrastructure provisioning reducing deployment time by 85% and eliminating manual configuration errors
- Implemented granular role-based access control system enabling parent accounts to manage sub-account privileges and data access
- Developed secure real-time display system for patient management with automated notifications and status updates

Clinikli

Frontend Engineer

April 2022 – March 2023

Remote

- Engineered a scalable Vue.js application serving hundreds of monthly users, reducing patient-to-doctor matching time by 75% through efficient location-based algorithms
- Implemented advanced geospatial search system using Google Maps API, handling 50+ concurrent location queries with less than 100ms response time
- Developed 20+ reusable composables for API integration, WebSocket connections, and state management, reducing codebase size by 40%
- Built modular component architecture supporting 5 different healthcare service types (doctors, labs, ambulances, pharmacies, specialists) with 98% code reuse
- Optimized application performance achieving 90+ Lighthouse performance score and 2.5s average page load time

Sonvisage

Frontend Engineer

March 2021 – Feb 2022

Remote

- Implemented data fetching logic, consuming a Python/Django backend REST API.
- Developed pixel-perfect UI implementation for healthcare management platform focusing on efficient data handling and user management.
- Delivered precise UI implementations with 100% design fidelity across 30+ screens using Vue.js and TailwindCSS
- 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 code splitting and lazy loading strategies

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.
- **Soft Skills:** Excellent Communication, Independent Problem-Solving, Growth Mindset, Cross-functional Collaboration, Decision making.
- **Languages:** English (native).