

Darlington Gospel

Senior Frontend Engineer | AI, Blockchain & Data-Heavy Systems

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PROFESSIONAL SUMMARY

Frontend engineer with 10+ years of experience building production interfaces for AI, blockchain, and data-heavy systems. Turns complex backends, including LLM workflows, smart contracts, and real-time pipelines, into interfaces that stay clear and fast under real use. Works primarily in React, Next.js, and TypeScript, with enough backend knowledge to make good calls on API design and data flow. Founded Dapp Mentors, where frontend decisions get tested against 5,800+ real learners rather than a demo audience.

CORE STRENGTHS

- **Pixel-accurate delivery.** Implements to spec with minimal back-and-forth between design and review.
- **Comfortable on hard backends.** Builds UI on top of LLM streaming, smart contract state, and live WebSocket data without treating them as edge cases.
- **Mobile-first by default.** Responsive behavior is part of the first pass, not a follow-up fix.
- **Performance-conscious.** Reduces re-renders and bundle size as a habit, verified with real profiling rather than assumption.
- **Realistic scoping.** Flags blockers early and keeps timelines predictable through clear communication.

PROFESSIONAL EXPERIENCE

Founder & Lead Frontend Architect, Dapp Mentors / Daltonic LLC (US-based)

2022 - Present

- Designed and shipped production frontends for AI, blockchain, and data-heavy platforms used by thousands of learners.
- Built pixel-accurate, responsive UIs on top of complex backends, including LLMs, smart contracts, and ML models.
- Built component libraries and design systems that sped up delivery across multiple products.
- Implemented real-time feedback for AI streaming output, transaction states, and other async operations.
- Owned the frontend lifecycle end to end, from design through optimization and production deployment.
- Built dappmentors.org, including course management, authentication, payments, and content delivery.
- Cut iteration cycles by 20 to 30 percent through proactive UX review and early edge-case handling.

Senior Frontend Engineer, Independent / Project-Based

2019 - 2022

- Designed frontend architectures for AI-assisted applications and blockchain-enabled platforms.
- Built production UIs handling real-time data streams, WebSocket connections, and optimistic state updates.
- Delivered data-heavy dashboards with complex filtering, sorting, and visualization requirements.
- Implemented wallet connection flows, transaction signing interfaces, and blockchain state synchronization.
- Worked with backend teams to tighten API contracts and cut unnecessary render cycles.

Frontend Developer & Technical Writer (Remote), CometChat

2020 - 2022

- Built developer-facing UI components and integration examples for a real-time communication platform.
- Implemented chat interfaces, message threading, and real-time notification systems.
- Converted complex API behavior into clear, interactive frontend demonstrations for developers.
- Worked directly with designers to keep implementation accurate to spec.

Software Developer (Full-Time), GIT Technologies Ltd., Port Harcourt, Nigeria

2019 - 2020

- Led frontend development for full-stack applications with complex state management requirements.
- Built admin dashboards with role-based access control and data visualization.
- Trained junior developers on React fundamentals and component patterns.

Software Developer (Internship), White Creativity, Port Harcourt, Nigeria

2017 - 2018

- Built web and mobile interfaces using React and React Native.
- Participated in code reviews and contributed to frontend architecture decisions.

KEY PROJECTS & ACHIEVEMENTS

OpenBench

Full frontend for an AI dataset curation platform, built with Next.js 16, TypeScript, and Tailwind CSS. Includes a real-time pipeline tracker showing progress across nine curation stages, a role-based admin panel with three access tiers, and a browser-based setup wizard for first-time configuration.

Rebit

Frontend for a self-hostable video processing engine. Covers a drag-and-drop upload flow with format validation, a step-by-step job tracker across six pipeline stages, and a clip review screen showing transcript excerpts, virality scores, and approve or reject actions.

RumbleCourt

Frontend for an AI multi-agent debate simulator, built with Next.js 16, TypeScript, and Tailwind. Handles live streaming output, animated visuals, and wallet integration through wagmi and WalletConnect. Re-render optimization cut render cost by 40 percent.

Dapp Mentors Platform (dappmentors.org)

Educational frontend for 5,800+ learners, built with Next.js, TypeScript, and Tailwind. Covers course catalogs, dashboards, enrollment, progress tracking, and payments, iterated on through direct user feedback.

QuantumPool

Data-heavy dashboard frontend for an AI-guided investment platform. Built complex filterable tables with real-time updates, visualization for market data and model output, and wallet connection for on-chain interaction.

Timeless NFT

NFT marketplace frontend built with Next.js, TypeScript, and Tailwind CSS. Covers wallet connection, gallery display, minting, bidding, and auction countdowns, deployed to Ethereum and Polygon with OpenSea-compatible design patterns.

TECHNICAL SKILLS

Frontend & UI Engineering: React, Next.js, TypeScript, Tailwind CSS, CSS-in-JS, responsive and mobile-first design, atomic design, reusable component libraries

State Management: React Context, Redux, async and derived state, optimistic updates

Performance: Re-render minimization, memoization, bundle splitting, lazy loading, latency reduction

Integration & Data: wagmi, viem, WalletConnect, Ethers.js, Web3.js, LLM API integration and streaming, RESTful APIs, WebSocket connections, Recharts, D3.js

Tooling: Vite, Webpack, Next.js App Router, Git, GitHub Actions, CI/CD, unit and integration testing, accessibility standards

EDUCATION

B.Sc. Computer Science Ignatius Ajuru University of Education, Port Harcourt 2014 - 2018 | CGPA: 4.09 / 5.0

OPEN SOURCE & COMMUNITY

- Maintains 30+ public repositories on GitHub focused on frontend implementations for AI systems, blockchain dApps, and data-heavy applications.
- Leads the Dapp Mentors community of 5,800+ learners, publishing free tutorials and open-source UI codebases.
- Published 45+ technical articles and produced 140+ YouTube videos on frontend engineering, including React optimization, TypeScript patterns, and state management.