Islam Garba Ibrahim

Frontend Developer | Abuja, Nigeria
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Summary

I am a Frontend Developer with four years of experience in web development, specialising in JavaScript/TypeScript, React, and Node.js. I am a problem-solver who is passionate about mathematics, computer science and continuous learning. Currently, I am exploring design system engineering to build flexible, reusable components that enable my team to deliver high-quality systems more efficiently.

Experience

Frontend Developer (React) January 2025 – Now
Beam Dynamics

- Combined the three main frontend applications into a single Turborepo monorepository for code sharing.
- Collaborated with senior developers to design and implement onion architecture for the frontend data layer to improve maintainability.
- Described the structure of automated tests implemented by QA using Playwright and reviewed the code for the tests.
- Investigated and resolved a memory leak using Facebook's memlab, leading to improved performance.
- Built a reusable timezone-aware Date and Time Picker supporting date ranges to enable users to create schedules with date and time.

Lead Frontend Developer (React) January 2024 – December 2024
Beam Dynamics

- Developed a recurrence selector using rrule.js, enabling users to define recurring schedules for maintenance.
- Automated large-scale refactorings of the main React application: a migration to Vite, removal of barrel imports and unused code, which reduced build times by 50% and improved maintainability.
- Developed a calendar view with similar functionality as Google Calendar using react-big-calendar for the visualisation of reservations.
- Built a reusable Table component with support for row selection and column reordering via drag and drop using the Tanstack-table library, improving the consistency of the Tables in the platform.

Frontend Developer (React) July 2022 – January 2024
Beam Dynamics

- Defined and enforced role-based and user-group-based access control policies using the CASL.js library, enabling granular control for admins.
- Developed the ticket board view module with swimlanes and drag-and-drop functionality using the react-beautiful-dnd library.
- Developed a React hook to manage state related to filtering, sorting, and searching with Tanstack-query, improving consistency and ease of setup.
- Developed a component to manage error and loading states for queries in Tanstack-query consistently.
- Implemented Mixpanel analytics tracking to determine feature usage.
- Implemented typography, colour design tokens, and components based on BEAM's design system to reduce duplication and ensure consistency.

Lead Developer August 2021 – May 2023
Chocolate Network (open-source)

- Designed and implemented a runtime module (pallet) using the Substrate/Polkadot SDK, enabling on-chain storage and retrieval of user-generated project reviews with a React-based frontend interface.
- Developed a moderated self-registration flow linking blockchain wallet addresses with application-level accounts, ensuring the authenticity and integrity of submitted reviews.

Education

Nile University of Nigeria November 2020 – July 2024
BSc Computer Science

- Graduated First Class through a fully funded scholarship with a CGPA of 4.96.

Skills

Frontend development, troubleshooting, applying mathematical concepts to programming where possible, and critical thinking.

Technical Skills

Tools & Build: Nx from nrwl, Bash, VS Code, Ona (formerly Gitpod), Turborepo, ESLint
Frontend: React, Redux, Semantic HTML, CSS, Panda CSS, NodeJS
Languages: JavaScript, TypeScript, Rust, C, Python