

Jonathan Carson-McGeary

Senior Frontend Engineer

jonathan@mcgeary.dev | Glasgow / Remote | github.com/jonvfvn

PROFESSIONAL SUMMARY

Senior frontend engineer specialising in React and TypeScript, leading frontend delivery at DataXray across AI-powered data extraction, enterprise administration and shared platform components. Takes complex workflows from discovery through to production, combining product delivery with API integration, automated testing and frontend architecture.

PROFESSIONAL EXPERIENCE

Software Engineer | DataXray (formerly Ohalo)

May 2024 - Present | Remote

- Lead frontend delivery within a product pod, owning implementation of complex user workflows and contributing to the shared React and TypeScript platform.
- Led an admin console redesign from discovery and stakeholder buy-in through to production, simplifying complex configuration workflows.
- Built interfaces that let users configure AI-powered data extraction, monitor extraction jobs and export structured results.
- Enabled users to configure multiple AI providers and assign models to extractors individually or in bulk through model management interfaces.
- Built classification import/export workflows so users can transfer configuration between environments, with end-to-end tests covering the transfer round trip.
- Migrated documentation to Fumadocs and Next.js, adding authenticated access and synchronising sign-up profiles to HubSpot for sales follow-up.
- Made OpenAPI specifications the source of truth for model API types, replacing duplicated TypeScript definitions and integrating generation into CI and container builds.
- Extended shared table components so grouped search results stay visible, related rows remain together during pagination, and expansion controls support keyboard and screen reader users.
- Added automated coverage for extractor creation, editing and deletion, alongside component and regression tests for model forms and shared UI behaviour.
- Established a frontend engineering forum to align development practices and turn shared platform concerns into initiatives, including the admin console migration.

NatWest Group

January 2020 - April 2024

Web Application Developer | January 2022 - April 2024 | Remote

Digital Developer and Consultant | January 2020 - January 2022 | Edinburgh

- Built document editing and KPI visualisation features in a React and TypeScript CMS used by senior executives.
- Contributed to the CMS migration to TypeScript, introducing static typing into the platform's development workflow.
- Built SharePoint intranet tools with SPFx and dashboards with D3.js and Chart.js to present performance data to internal stakeholders.
- Developed internal tools and Workplace from Meta chatbots to automate employee support workflows.
- Integrated internal platforms using REST APIs, Node.js, Express, AWS and PowerShell, and implemented platforms to meet compliance requirements.

TECHNICAL SKILLS

- Frontend: TypeScript, React, Next.js, Vite, Tailwind CSS
- Architecture and integration: frontend architecture, REST APIs, OpenAPI, Firebase, HubSpot
- Testing and delivery: Playwright, Vitest, CI/CD, shared component development
- Documentation: Fumadocs, Next.js, Zod

EDUCATION

BSc in Computing | Glasgow Caledonian University