Brett Dorrans

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Professional Summary

Staff-level Frontend Engineer based in Glasgow with 10+ years steering large-scale React and TypeScript ecosystems for fintech and SaaS platforms.

Balances architectural vision with hands-on delivery, leading design-system strategy, token automation, and developer experience improvements.

Partners with product, design, and risk leaders to standardise journeys, elevate accessibility, and accelerate compliant release cycles.

Mentors engineers, codifies cross-team standards, and shapes technical culture so squads align on measurable outcomes.

Focuses on maintainable, observable systems that keep customer interfaces fast, inclusive, and reliable.

Key Achievements

- Unified Encompass' architecture to rebuild a brittle low-code platform, built reusable React flows that increased release cadence by about 40% while holding WCAG AA+ compliance.
- Directed LendInvest's design-system modernisation and TypeScript migration, boosting engineering throughput roughly 40% and reducing borrower drop-off by 20–25%.
- Led Markup's multi-product commerce platform, lifting checkout conversion above 35% through structured experimentation and performance tuning.

Experience

Senior Software Engineer
05/2024 – 08/2025
Encompass Corporation
Glasgow, UK (hybrid)

Global regtech platform automating KYC and AML onboarding for financial institutions (circa 450 employees).

- Stabilised the acquired low-code onboarding estate by defining reusable React and TypeScript flow templates, accelerating delivery by about 40%.
- Governed the organisation-wide design system in Storybook, aligning squads on accessible components and sustaining WCAG AA+ compliance.
- Embedded telemetry, accessibility, and automated health gates into pipelines to prevent regressions and reduce production fixes.
- Partnered with product and design leadership to translate KYC roadmap priorities into measurable iteration plans and predictable stakeholder updates.
- Mentored engineers and co-led hiring, shaping a quality-focused culture across frontend, UX, and product teams.

Senior Software Engineer
04/2021 – 11/2023
LendInvest
London, UK (remote)

Property-finance fintech delivering digital mortgage and investment products for retail and institutional clients (around 350 employees).

- Directed design-system modernisation across underwriting, legal, and finance journeys, aligning squads on a single React component baseline.
- Led the migration to modular TypeScript libraries with shared contracts, boosting engineering throughput by roughly 40% and improving release quality.
- Set performance budgets, lazy loading, and asset optimisation that reduced borrower drop-off by 20–25%.
- Authored accessibility, contract-testing, and release-governance standards adopted across engineering.
- Coached squads through discovery and prioritisation workshops to sustain incremental delivery in regulated environments.

Software Consultant (contract)
02/2020 – 04/2021
Golden Charter
Glasgow, UK (remote)

UK funeral-planning provider supporting independent funeral directors nationwide (circa 500 employees).

- Rebuilt customer planning tools around an accessible component architecture, securing stakeholder confidence for regulated releases.
- Established a reusable component library and design rituals so multiple product teams shipped consistent interfaces faster.
- Standardised CI pipelines and end-to-end automation to stabilise release reliability and cadence.
- Refactored core C# APIs to improve response times by around 100x and strengthen downstream integrations.
- Mentored engineers on accessibility and testing craft, raising overall frontend capability across teams.

Team Lead (Front End)
01/2018 – 12/2019
Markup
Glasgow, UK (hybrid)

Retail technology startup delivering multi-brand commerce experiences for international fashion clients (around 40 employees).

- Led the frontend team launching a multi-brand commerce platform, improving checkout conversion by over 35% through optimised payment flows.
- Defined a reusable design system with product and design leaders, enabling rapid storefront iteration without sacrificing consistency.
- Introduced agile rituals, performance budgets, and observability to keep releases fast and predictable.
- Represented engineering in client meetings, aligning technical strategy with commercial outcomes.

Earlier Career Roles
10/2014 – 12/2017
Everyone; Ibiza Digital Media
Glasgow, UK

Independent agency and creative ventures spanning digital media and platform delivery.

- Directed design and platform strategy for a digital publication serving 85K+ monthly readers with a focus on accessibility and performance.
- Built a cross-platform social and commerce product integrating profiles, payments, and back-office tooling under one design system.

Projects

- Author of the Design Token Interchange Format (DTIF), enabling typed, interoperable token exchange between design and engineering platforms.
- Created the DTIFx toolkit (CLI, SDK, audit, and diff utilities) to automate token validation, governance, and reporting in CI pipelines.

Skills

Architecture & Systems
React, TypeScript, Node.js; Design-system architecture and token pipelines; Modular platform patterns for multi-product SaaS

Leadership & Delivery
Mentorship, hiring, and capability building; Roadmap ownership and technical strategy; Cross-functional alignment with product and design

Quality & Reliability
Jest, Vitest, Playwright automation; Accessibility, contract, and performance governance; Observability and release readiness standards

Platform Tooling
GitHub Actions, Docker, CI/CD orchestration; Telemetry with OpenTelemetry and Grafana; Storybook, design tokens, and documentation workflows

Education

Edinburgh College of Art
BA (Hons) Illustration
2007 – 2011