

Reuben Stone

Senior Frontend / Full-Stack Engineer | React, TypeScript, Next.js

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PROFILE

Senior Frontend / Full-Stack Engineer with 10+ years of experience designing and building digital products for global brands, agencies and technology companies. Deep experience with React, TypeScript and Next.js, alongside Node.js, AWS, application architecture, APIs and custom CMS development.

Comfortable owning products and features end to end, from technical planning and architecture through implementation, deployment and production support. Recent work includes AI-enabled learning products, global web platforms, custom AWS-backed CMS systems, interactive applications and browser-based 3D experiences.

Strong agency and client-facing background, with a track record of joining projects quickly, working independently and delivering against fixed launch dates.

WORK EXPERIENCE

Product Engineer (Full Stack, JavaScript, AI Systems)

The Smarty Train (TST) | Contract | Aug 2026 - Present

- Built and launched TST's GenAI Mindset learning platform, an interactive AI-enabled learning product designed around Boundary Awareness, Critical Evaluation and Conscious Partnering.
- Delivering full-stack product development across internal and client-facing projects, including application architecture, frontend and backend implementation, and integration of AI capabilities into live digital products.

Product Engineer (React, TypeScript)

Powster | Freelance / Contract | Sept 2024 - July 2026

- Worked across multiple engagements for Powster, delivering digital products and internal tools for entertainment clients including Universal Pictures.
- Delivered a full web experience for Universal Pictures, including a client-facing site and a custom CMS built from the ground up on AWS, giving production teams direct control over dynamic media and content.
- Built internal tooling adopted across multiple projects, including a Three.js photosphere scene viewer that streamlined testing of immersive 3D environments.
- Supported multiple live titles in parallel, troubleshooting and resolving issues across concurrent productions.

Frontend Developer (React, TypeScript)

Candyspace | Contract | Dec 2025 - Feb 2026

- Built the front end for The Great British Treasure Hunt for The Royal Mint, a nationwide interactive puzzle experience linking physical collectable coins to an online quest.
- Developed interactive puzzle and progression mechanics across multiple unlockable levels, including timed releases, hint systems and player scoring, supporting a launch that attracted 25,000+ participants nationwide.

Frontend Developer (React, Next.js, TypeScript)

Diageo | Contract | May 2024 - Sept 2024

- Helped unify Diageo's global brand presence on a modern React and Next.js platform serving multiple markets.
- Built reusable, accessible components that improved consistency and performance across the platform.

Full-Stack Developer (React Three Fiber, TypeScript, Next.js, Three.js, Vercel)

Arc Digital | Contract | Sept 2023 - Jan 2024

- Built a real-time 3D architectural visualisation tool that let users explore, customise and walk through photorealistic building interiors directly in the browser.
- Designed a drag-and-drop interface for 3D object placement, backed by a dynamic material library using GLTF, custom shaders and PBR.

Full-Stack Developer (Vue.js, Node, PowerBI)

TotalJobs (StepStone Group) | Contract | Jun 2021 - Oct 2023

- Designed and built an internal analytics dashboard adopted by StepStone teams worldwide, giving teams a shared view of business data.
- Owned the build end to end, from development through AWS deployment and PowerBI data integration.

EARLIER ROLES - SELECTED

Web3 / Blockchain Developer

Metacask / Lokr | Contract | 2021 - 2022

- Built NFT minting tools and Ethereum integrations using React and Node, enabling users to trade and authenticate blockchain-based assets.

Frontend Developer

IKEA | Contract | 2020 - 2021

- Delivered an internal dashboard with multi-tiered access and custom visualisations, then scoped and pitched its architecture to several internal divisions for wider adoption.

Full-Stack Developer

Unilever, UK | Contract | 2019 - 2020

- Built a bespoke product catalogue application from the ground up using Vue.js, Express, Node.js and MySQL for teams across Unilever's global network.
- Created a custom Node.js CMS with tiered security, allowing product owners to manage content independently across multiple brand markets.

Frontend Developer

WiTH Collective, Sydney | Permanent | 2017 - 2018

- Led frontend builds for major clients including Foxtel, BMW and Commbank, delivering responsive, CMS-integrated sites and campaign landing pages.

TECHNICAL SKILLS

Core: React, TypeScript, Next.js, JavaScript, Node.js

Frontend: React, Next.js, Vue.js, HTML, CSS, component systems, accessibility / WCAG

Backend & APIs: Node.js, Express, REST APIs, PostgreSQL, MongoDB, CMS development

Cloud & Delivery: AWS, Azure, Vercel, CI/CD, Git, Vite, Webpack

Architecture: Application architecture, system design, API integration, CMS architecture, end-to-end product delivery

AI: LLM API integration, AI-enabled product development, agentic development tools, structured AI workflows

Creative Technology: Three.js, React Three Fiber, WebGL, GLSL / shaders, interactive 3D, AR / VR

EDUCATION

University College Falmouth | Journalism, Media & Communications (2:1), 2008 - 2011

PROFESSIONAL DEVELOPMENT

AI for JavaScript Developers | OpenAI / Vercel AI, 2025

Three.js Journey | Bruno Simon, 2025