

JIM HARRIS | Senior React/Next.js Developer

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Senior front-end developer specialising in React and Next.js, with practical full-stack experience. I pair creativity and technical depth to build and ship production web applications, with particular strength in custom UI, complex interaction and thoughtful UX. Experienced across greenfield projects, legacy systems, migrations and prototyping, I have over a decade of production React experience in startups, agencies and global organisations. Comfortable working independently, in teams, and directly with clients. Able to shape ideas, refine requirements, and advise on technical approach.

Skills

Front-end

JavaScript, TypeScript
React, Next.js, UI/UX
Tailwind, CSS/Sass, HTML5

Workflow

Vite, Webpack, Git, CI/CD
Agile, GitHub CoPilot
Figma

Server

REST APIs
AWS DynamoDB, S3
Firebase

Recent Work

Evidence for Learning

React/Next.js lead - June 2024 - Feb 2026

Browser-based app featuring new interaction models for querying and narrating educational evidence

HeroUI, AG Grid, React Hook Form, Zod, dnd kit, React Query, Motion, Recharts

- Designed and built the *QuestionBoard*, a suite of search, filtering and visualisation tools inspired by visual programming languages and timeline-based creative desktop apps
- Full ownership of Innovate UK-funded greenfield project, meeting and exceeding key milestones, taking concept through prototyping to production in 12 months
- Used by 1,200+ schools and colleges and 75,000+ practitioners

Warner Music Group

React/Next.js lead - Feb 2024 - April 2024

Dashboard for Dua Lipa's UK social media team at WMG

Shadcn/ui, Recharts, React Hook Form, Supabase

- Launched a responsive dashboard empowering Dua Lipa's team to track the performance of their TikTok campaign creators' posts
- Added real-time insights through data visualisation and charts
- Coordinated the discovery of project requirements and identification of user journeys, ensuring the dashboard aligned with Warner's strategic needs
- Enabled Warner UK to compete favourably with an alternative tool offered by Warner US

Brighton and Hove City Council

React lead - Nov 2023 - Feb 2024

Interactive exhibition installed at Brighton's central Jubilee Library

Bootstrap, AWS DynamoDB, AWS S3, reCAPTCHA, Redux

- Led the technical development of a public installation for Brighton and Hove Libraries' *Everyone's Library* campaign, delivering on time and within budget

- Advised the client throughout the project, improving the original specification, to ensure an accessible, secure, and compelling experience for visitors
- Added a private admin and moderation panel to address this overlooked requirement
- Achieved significant community impact and reach, with the installation attracting 2,500 contributions at Brighton's central Jubilee Library, leading to 450 new memberships

Cambridge University Press

React developer - Oct 2021 - Aug 2023

PixiJS, Google Firebase, Google Cloud Functions

- Architected and developed five educational game templates for Cambridge University Press, doubling the number of games available to their course designers
- Reached millions of users in 100+ countries via their learning platform, Cambridge One
- Collaborated with existing team to integrate new games with existing codebase, then led refactoring from legacy class-based React to modern functional React
- Shaped game design, maintained database, co-managed deployment and testing

Focus Group

Front-end developer - May 2019 - Jan 2020

Native JavaScript, Vue.js, Twill CMS

- Created a site builder application enabling the marketing department to publish and maintain corporate site to their ongoing requirements, with particular attention to SEO
- Directed extensive user testing and usability studies, feeding directly into UI/UX design
- Resolved a limitation of their IT systems being unable to support WordPress
- Anticipated scalability needs, advising client on modern FE solutions including Vue.js

Highlights of Past Work

- Tablet-based React app for Bayer AG drug reps with health PR firm Pegasus (2018)
- Lead developer on YouVsTrain website for a Network Rail campaign that delivered a 17% increase in rail safety awareness amongst young people (2017 - 2018)
- Helped music start-up, Filmstro, secure £500k seed funding with corporate site and React apps that previewed their innovative desktop music software (2017)
- Refreshed frontend and UI/UX of VAT Expert, a legacy .NET project, for Avalara, bringing it in line with brand identity, adding to their 30,000-strong user base (2016)
- Lead Angular developer at Velti managing a team on 'Do Us a Flavour' competition site for Walkers that supported more than a million entries (2013 - 2014)

Education

- **Psychology of Creativity**, Catalyst Berlin - Summer course, 2026
- **MA Hypermedia Studies** (Merit), HRC, University of Westminster
- **BSc (Hons) Social Psychology** (First), LSE, University of London