

Matt Cook

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I'm a front-end engineer specialising in **React** and **TypeScript**. I'm passionate about structured content, designing unique user experiences, and learning new front-end frameworks and programming languages. I regularly build and contribute to open-source projects, create internet art, and contribute to online hackathons. I speak fluent Russian, and regularly practice and teach meditation.

Employment

Front-End Developer

National Arts & Education Network, Wales (Sept 2019 – present)

- ▶ Developed a website with **React**, **Remix** and **TypeScript** to advertise professional development events for teachers and artists in the Expressive Arts Curriculum.
- ▶ Designed and implemented digital marketing tools that have increased ticket sales and course attendance by 300%.
- ▶ Designed a structured content strategy implemented with **Sanity.io** to be used by non-technical content editors.
- ▶ Developed a course platform with **React** and **Sanity.io** to present a series of Expressive Arts learning resources for teachers, including full text search with **Algolia**.
- ▶ Recently won a funding proposal to create a digital map of arts and culture venues throughout Wales that will use **React**, **Prisma** and **PlanetScale**.

Front-End Developer

Mid Wales Arts (July 2020 – July 2022)

- ▶ Developed a multilingual **React** website with **Next.js** to provide a beautiful and intuitive user experience on all devices.
- ▶ Designed a custom i18n implementation of **Next.js** and **Sanity.io** that enables all slugs and routes to be localised into English and Welsh to improve SEO.
- ▶ Designed a structured content strategy with **Sanity.io** to create a streamlined user experience highlighting the diverse activities of a vibrant arts centre.
- ▶ Implemented a custom CMS with **Sanity.io** for editing of all website content by non-technical content editors.
- ▶ Increased website traffic by 1000%, visit duration by 400%, and reduced bounce rate.
- ▶ Implemented an e-commerce integration with **Shopify**, **Sanity.io** and **Next.js** to sell original artworks.

Freelance Web Developer (May 2012 – present)

- ▶ Development of unique websites for arts, culture and not-for-profit clients with front-end frameworks including **React**, **Svelte** and **Vue**.
- ▶ Design of custom content strategies with **Sanity.io** and **Strapi**, with integrated custom CMS implementations for non-technical content creators.
- ▶ Built custom multilingual **WordPress** and **Drupal** themes with **JavaScript** and **PHP**, with custom content types, plugins and **WooCommerce** integrations.

Studio Director (Oct 2011 – present)

- ▶ Founded and continue to manage a charity providing affordable studios for 20 artists.

Freelance Artist (May 2010 – Sept 2019)

- ▶ Regular creation of unique multimedia art projects all over the world in galleries, theatres and the public realm using digital media, sound, video, and electronics.
- ▶ Regular teaching of arts workshops for children and teachers in animation, creative web development, video production and digital competency.

Awards & Volunteering

Open Source

- ▶ Developed two IDE extensions for **Nova** with over 1200 active installations, providing LSP integration, syntax highlighting and completions for **Dart** and **Flutter**, and **Astro.js**.
- ▶ Designed and built an SEO preview plugin with **React** and **TypeScript** for integration with **Sanity Studio**.
- ▶ Recent contributions to popular open-source projects include **Astro.js**, **Definitely Typed**, **Prisma** and **Sanity.io**.

Empower

- ▶ Co-founded a charity to provide and promote online meditation experiences for children and adults, for use by teachers and healthcare professionals.
- ▶ Currently developing an iOS and Android app with **React Native** and **TypeScript** aimed at teachers and healthcare professionals to provide structured meditation classes.
- ▶ Currently designing and developing a website with **React**, **Astro.js** and **Svelte**, which includes a structured content strategy with **Sanity.io**.

Creative Wales Award (2014 – 2015)

- ▶ Grant award for artistic and professional development to create a new body of video art presented on Vimeo, an artist website and blog, and run a mentoring program.

Education

University of Wales Institute, Cardiff
BA (Hons) Fine Art. Time Based Practice. **First**.

I Speak...

English - Native.
Russian - Advanced and improving.