RICH PLASTOW

Award-winning front-end web app developer with twenty years' experience working for digital agencies and publishing houses in London and Brighton.

I've worked on projects for the BBC, NBCUniversal, Legal & General, Diageo, EDF, Sony, Volvo, BT, Saatchi & Saatchi and the House of Windsor. I build beautiful, feature-rich web apps, and love using new browser technologies to surprise and delight end users.

Skills

FRAMEWORKS	Excellent with React, Next.js, Gatsby, Vue and Node. Some Express and WordPress
LIBRARIES	Experienced with Redux, Three.js, React Three Fiber, React Spring and many more
DEV AND CI/CD	Nx, NPM, Git, Webpack, Rollup, Babel, JSDoc, ESLint, Jest, Cypress, Storybook, Sentry
LANGUAGES	Fluent in JavaScript, TypeScript, Rust, HTML and CSS. Some PHP, GraphQL and Bash
SOFTWARE	VS Code, Blender, SketchUp, Adobe Animate, XD, Photoshop, InDesign and Illustrator
DEGREE	BA (Hons) Graphic Communication with Painting and Photography
OTHER SKILLS	Professional experience in Agile and Scrum, UX design, photography and retouching, illustration and icon design, sub-editing and proofreading, motion graphics and 3D

Career

TITLE	Front-End Developer
DATES	August 2024 – present
COMPANY	KOPE, based in London, which provides AI-powered web apps for offsite construction
ROLE	• Researched and evaluated new technologies, including Nx and Drie • Championed robust, maintainable, production-ready code • Mentored junior developers, through code reviews and discussion groups
HIGHLIGHTS	• AI-driven productivity app for architects with custom 3D configurator, built with Vue • Drawing management tool for WSP's structural engineers, using Carbon and GraphQL • Transitioned the front-end 'multi-repos' to an Nx monorepo, retaining full Git history • Added innovative JSDoc-based 'soft typing', as a lightweight alternative to TypeScript

TITLE	Freelance Web App Developer
DATES	August 2022 – August 2023
ROLE	Front-end development, mostly with React, Next.js, TypeScript, Rust and Three.js
HIGHLIGHTS	• '0bdx', a set of open source NPM modules for better JavaScript developer experience • Interior design app with AI, in Next.js, TypeScript, React Three Fiber and Tailwind CSS • A prototype using Vue-based 3D animation: https://richplastow.com/cluster-viewer

TITLE	Senior Software Engineer
DATES	July 2019 – August 2022
COMPANY	Easel TV, a London-based company offering cross-platform video streaming solutions
ROLE	• Recruited and led the front-end team • Worked closely with clients, technology partners and other stakeholders • Spearheaded R&D into running React on smart TVs and set top boxes • Modernised the tech-stack for an Agile, CI/CD workflow
HIGHLIGHTS	• An advanced multi-tenant streaming TV website, built with TypeScript and Gatsby • Smart TV app for NBCUniversal's reality TV channel hayu, using Node and React • Content management admin dashboard for streaming TV, in TypeScript and Next.js

TITLE	Freelance Developer and Designer
DATES	June 2017 – July 2019
CLIENTS	• VisitBrighton, Brighton & Hove council's commercial marketing devision • Responsible Travel, an activist travel company based in Brighton • Fluxx, a business transformation and product innovation agency based in London
ROLE	Primarily front-end development using React and Vue, with a little Node back-end
HIGHLIGHTS	• Ideation, design and build of an award winning exhibition stand for VisitBrighton • A set of Three.js motion graphics for Responsible Travel documentary 'Crowded Out' • 'Group Protection', an insurance sales tool prototype for Legal & General in Vue

TITLE	JavaScript Guru
DATES	January 2016 – June 2017
COMPANY	**Make Real,** a digital agency building collaborative **serious games** and **VR experiences**
ROLE	In-house **JavaScript** specialist, delivering cutting edge immersive **web apps**
HIGHLIGHTS	• Animated 3D guide with video and minigames for **EDF,** using **TypeScript** and **Angular**
	• Concept art for **Loco Dojo,** a multiplayer virtual reality game voiced by **Brian Blessed**
	• **'Bar Sim Game',** a multi-user 3D financial simulation for **Diageo,** built using **Three.js,** which won the Immersive/Learning Simulation Award at DevLearn DemoFest 2018 — for more information, visit **https://richplastow.com/#bar-sim-game**

TITLE	Senior WordPress Developer
DATES	May 2014 – January 2016
COMPANY	**Pragmatic,** specialists in **WordPress** website design, development and maintenance
ROLE	**Web design** and **WordPress development** projects of all sizes, as part of an **Agile** team
HIGHLIGHTS	• **Game of Thrones** themed shareable random quote generator, for **Tesco** and **Blinkbox**
	• A custom book-creation site with **WooCommerce** and automatic **print-on-demand**

TITLE	Technical Director
DATES	July 2009 – May 2014
COMPANY	**Kandi,** a London-based multidisciplinary agency
ROLE	**WordPress** and **web app** development for many well-known brands
HIGHLIGHTS	• Suite of multilingual data-capture iPad apps for **Winsor & Newton,** with **PHP** backend
	• In-store touchscreen catalogue for footwear brand **Kurt Geiger,** built in **ActionScript**
	• 'Smarter Living', a lifestyle and pension calculator for **Zurich Insurance,** using **jQuery**
	• 'Broo', a custom **WordPress theme** with custom **plugins** based on **Bootstrap**
	• Promotional **microsite** with HTML5 animations for the **Ford B-Max** launch campaign

TITLE	Art Editor and Developer
DATES	February 2008 – July 2009
COMPANY	**Publicis,** a multinational marketing and communications agency
ROLE	**Customer magazine** design and **web app** development for major international brands
HIGHLIGHTS	• 'Preview', a magazine and **Flash-driven** e-zine with embedded video for **Blockbuster**
	• 'Body Shape Challenge', a browser game for **New Look** shortlisted for an **APA award**

TITLE	Freelance Art Editor
DATES	June 2001 – February 2008
CLIENTS	• **Redwood,** a London-based agency specialising in **customer magazines** and websites
	• **Time,** formerly IPC, a consumer magazine and digital publisher
	• **BBC Worldwide,** the commercial subsidiary of **the BBC** based in London
ROLE	Template creation and layout for high-profile magazines, exclusively through **DTF**
HIGHLIGHTS	• Design of award-winning **customer magazines** for **Britannia, Land Rover** and **Volvo**
	• Template design for a major brand refresh of **Radio Times** at **BBC Worldwide**

Clients

AIDS Alliance   **Arms Around The Child**   **Asda**   **BBC Worldwide**   **Blockbuster**   **BMW**
Britannia   **BT**   **Caryn Franklin**   **The Daily Telegraph**   **Dazed**   **Diageo**   **EDF**   **Ford**
Gok Wan   **GVA**   **Headmasters**   **House of Windsor**   **Kandi**   **Kurt Geiger**   **Land Rover**
Legal & General   **Make Real**   **Malmaison**   **NBCUniversal**   **New Look**   **PCW**   **Publicis**
Radio Times   **RCI**   **Redwood**   **Responsible Travel**   **Saatchi & Saatchi**   **The SCI**
Selfridges   **Sony**   **Storm Management**   **Tesco**   **Thomson**   **Time**   **Toyota**   **VNU**
VisitBrighton   **Volvo**   **Winsor & Newton**   **WSP**   **Zurich Insurance**

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