

# RICH PLASTOW

Award-winning **full stack JavaScript developer** with 20 years' experience working for leading brands and digital agencies in London and Brighton.

I'm friendly, committed, professional and passionate about great code and great user experiences, with a broad range of skills and an excellent eye for detail. I've worked on projects for **the BBC**, **NBCUniversal**, **Diageo**, **Sony**, **Volvo**, **BT**, **Saatchi & Saatchi** and the **House of Windsor**. I build feature-rich websites and **web apps** that are fast, accessible, maintainable and robust at production scale, enjoyed by 100,000s of users.

## Skills

LANGUAGES	Fluent in <b>JavaScript</b> , <b>TypeScript</b> , <b>GraphQL</b> , <b>CSS</b> and <b>Sass</b> . Some <b>PHP</b> , <b>Rust</b> , <b>Bash</b> and <b>SQL</b>
FRAMEWORKS	Great with <b>React</b> , <b>Next.js</b> , <b>Vue</b> , <b>Node</b> and <b>Three.js</b> . Some <b>Gatsby</b> , <b>Express</b> and <b>Expo</b>
LIBRARIES	Excellent with <b>Tailwind</b> , <b>Redux</b> , <b>React Router</b> , <b>React Spring</b> , <b>Lodash</b> and many more
CODE QUALITY	Currently <b>Nx</b> , <b>Prettier</b> , <b>ESLint</b> , <b>Storybook</b> , <b>JSDoc</b> , <b>Jest</b> , <b>Playwright</b> , <b>Sentry</b> and <b>Lighthouse</b>
CI/CD	Experienced with <b>NPM</b> , <b>Git</b> , <b>GitHub</b> and <b>AWS</b> . Some <b>CircleCI</b> , <b>Docker</b> , <b>Azure</b> and <b>GCP</b>
SOFTWARE	<b>VS Code</b> , <b>Figma</b> , <b>Blender</b> , <b>Adobe Animate</b> , <b>XD</b> , <b>Photoshop</b> , <b>InDesign</b> and <b>Illustrator</b>
DEGREE	BA (Hons) Graphic Communication with Painting and Photography
OTHER SKILLS	Professional experience in <b>Agile</b> and <b>Scrum</b> , <b>UX design</b> , photography and retouching, illustration and icon design, sub-editing and proofreading, motion graphics and 3D

## Career

TITLE	Senior Full Stack JavaScript Engineer
DATES	June – November 2024 (6 month contract)
COMPANY	<b>HX</b> , London, offer premium cruises to destinations like the Galápagos and Antarctica
ROLE	<ul style="list-style-type: none"><li>• Built <b>React</b> components for a new <b>Figma</b> design system, with pixel-perfect <b>Tailwind</b></li><li>• Worked closely with product owners, developers, designers and other stakeholders</li><li>• Implemented new page designs and layouts for <b>travelhx.com</b>, a high-performance, high-volume, high-value customer-facing <b>Next.js</b> + <b>TypeScript</b> website</li></ul>
HIGHLIGHTS	<ul style="list-style-type: none"><li>• Introduced the team to <b>generators</b>, and created a suite of high quality components</li><li>• Built a system for responsive scroll-driven animated maps, with <b>custom React hooks</b></li><li>• Created an advanced <b>Storybook</b> instance, generating docs from <b>JSDoc</b> comments</li></ul>
TITLE	Front-End Developer
DATES	August 2023 – May 2024
COMPANY	<b>KOPE</b> , based in London, provide AI-powered web apps for offsite construction
ROLE	<ul style="list-style-type: none"><li>• Researched and evaluated new technologies, including <b>Nx</b> monorepo and <b>Drie</b> 3D</li><li>• Championed robust, maintainable, accessible code, with excellent <b>core web vitals</b></li><li>• Mentored junior developers, through code reviews and discussion groups</li></ul>
HIGHLIGHTS	<ul style="list-style-type: none"><li>• AI-driven productivity app for architects with custom <b>3D configurator</b>, built with <b>Vue</b></li><li>• Drawing management tool for engineers at <b>WSP</b>, using <b>IBM Carbon</b> and <b>GraphQL</b></li><li>• Transitioned the <b>front-end</b> multi-repos to an <b>Nx monorepo</b>, retaining full <b>Git</b> history</li><li>• Introduced <b>JSDoc-based</b> 'soft typing' as a lightweight alternative to <b>TypeScript</b></li></ul>
TITLE	Freelance Full Stack JavaScript Developer
DATES	August 2022 – August 2023
CLIENTS	<ul style="list-style-type: none"><li>• <b>KOPE</b>, <b>VisitBrighton</b> and generative AI interior design startup <b>Not Timid</b></li></ul>
ROLE	<b>Full stack JavaScript</b> web apps in <b>Node</b> , <b>React</b> , <b>Next.js</b> , <b>TypeScript</b> , <b>Tailwind</b> and <b>Three.js</b>
HIGHLIGHTS	<ul style="list-style-type: none"><li>• <b>React Native</b> app and admin dashboard, with <b>AWS EC2</b>, <b>S3</b>, <b>Gateway</b> and <b>DynamoDB</b></li><li>• Interior design app using <b>AWS</b>, <b>Next.js</b>, <b>Expo</b>, <b>TS</b>, <b>React Three Fiber</b> and <b>Tailwind CSS</b></li><li>• A prototype using <b>Vue-based</b> 3D animation: <a href="https://richplastow.com/cluster-viewer">richplastow.com/cluster-viewer</a></li></ul>
TITLE	Senior Software Engineer
DATES	July 2019 – August 2022
COMPANY	<b>Easel TV</b> , a London-based company offering cross-platform video streaming solutions
ROLE	<ul style="list-style-type: none"><li>• Recruited, led and mentored the <b>JavaScript</b> devs, as part of a <b>cross-functional team</b></li><li>• Championed <b>React Native</b> for <b>OTT VoD</b>, and <b>React</b> for smart TVs and set top boxes</li><li>• Modernised the tech-stack for an <b>Agile</b>, <b>CI/CD</b> workflow with <b>AWS S3</b> and <b>Lambda</b></li></ul>
HIGHLIGHTS	<ul style="list-style-type: none"><li>• An advanced <b>multi-tenant</b> streaming TV website, built with <b>TypeScript</b> and <b>Gatsby</b></li><li>• Smart TV app for <b>NBCUniversal's</b> reality TV channel <b>hayu</b>, using <b>Node</b> and <b>React</b></li><li>• Content management admin dashboard for streaming TV, in <b>TypeScript</b> and <b>Next.js</b></li></ul>

TITLE	Freelance Developer and Designer
DATES	June 2017 – July 2019
CLIENTS	<ul style="list-style-type: none"> <li>• <a href="#">VisitBrighton</a>, Brighton &amp; Hove council's commercial marketing division</li> <li>• <a href="#">Responsible Travel</a>, an activist travel company based in Brighton</li> <li>• <a href="#">Fluxx</a>, a business transformation and product innovation agency based in London</li> </ul>
ROLE	Primarily <a href="#">front-end</a> development using <a href="#">React</a> and <a href="#">Vue</a> , with a little <a href="#">Node</a> back-end
HIGHLIGHTS	<ul style="list-style-type: none"> <li>• A set of <a href="#">Three.js</a> motion graphics for <a href="#">Responsible Travel</a> documentary 'Crowded Out'</li> <li>• '<a href="#">Group Protection</a>', an insurance sales tool prototype for <a href="#">Legal &amp; General</a> in <a href="#">Vue</a></li> </ul>
TITLE	JavaScript Guru
DATES	January 2016 – June 2017
COMPANY	<a href="#">Make Real</a> , a digital agency building collaborative <a href="#">serious games</a> and <a href="#">VR experiences</a>
ROLE	In-house <a href="#">JavaScript</a> specialist, delivering cutting edge immersive <a href="#">web apps</a>
HIGHLIGHTS	<ul style="list-style-type: none"> <li>• Animated 3D guide with video and minigames for <a href="#">EDF</a>, using <a href="#">TypeScript</a> and <a href="#">Angular</a></li> <li>• '<a href="#">Bar Sim Game</a>', a multi-user 3D financial simulation for <a href="#">Diageo</a>, built using <a href="#">Three.js</a>, which won a DevLearn DemoFest award: <a href="#">richplastow.com/#bar-sim-game</a></li> </ul>
TITLE	Senior WordPress Developer
DATES	May 2014 – January 2016
COMPANY	<a href="#">Pragmatic</a> , specialists in <a href="#">WordPress</a> website design, development and maintenance
ROLE	<a href="#">Web design</a> and <a href="#">WordPress development</a> projects of all sizes, as part of an <a href="#">Agile</a> team
HIGHLIGHTS	<ul style="list-style-type: none"> <li>• <a href="#">Game of Thrones</a> themed shareable random quote generator, for <a href="#">Tesco</a> and <a href="#">Blinkbox</a></li> <li>• A custom book-creation site with <a href="#">WooCommerce</a> and automatic <a href="#">print-on-demand</a></li> </ul>
TITLE	Technical Director
DATES	July 2009 – May 2014
COMPANY	<a href="#">Kandi</a> , a London-based multidisciplinary agency
ROLE	<a href="#">WordPress</a> and <a href="#">web app</a> development for many well-known brands
HIGHLIGHTS	<ul style="list-style-type: none"> <li>• Suite of multilingual data-capture iPad apps for <a href="#">Winsor &amp; Newton</a></li> <li>• In-store touchscreen catalogue for footwear brand <a href="#">Kurt Geiger</a></li> <li>• Promotional <a href="#">microsite</a> with HTML5 animations for the <a href="#">Ford B-Max</a> launch campaign</li> </ul>
TITLE	Art Editor and Developer
DATES	February 2008 – July 2009
COMPANY	<a href="#">Publicis</a> , a multinational marketing and communications agency
ROLE	<a href="#">Customer magazine</a> design and <a href="#">web app</a> development for major international brands
HIGHLIGHTS	<ul style="list-style-type: none"> <li>• 'Preview', a magazine and <a href="#">Flash-driven</a> e-zine with embedded video for <a href="#">Blockbuster</a></li> <li>• 'Body Shape Challenge', a browser game for <a href="#">New Look</a> shortlisted for an <a href="#">APA award</a></li> </ul>
TITLE	Freelance Art Editor
DATES	June 2001 – February 2008
CLIENTS	<ul style="list-style-type: none"> <li>• <a href="#">Time</a>, formerly IPC, a consumer magazine and digital publisher</li> <li>• <a href="#">BBC Worldwide</a>, the commercial subsidiary of <a href="#">the BBC</a> based in London</li> </ul>
ROLE	Template creation and layout for high-profile magazines
HIGHLIGHTS	<ul style="list-style-type: none"> <li>• Design of award-winning <a href="#">customer magazines</a> for <a href="#">Britannia</a>, <a href="#">Land Rover</a> and <a href="#">Volvo</a></li> <li>• Template design for a major brand refresh of <a href="#">Radio Times</a> at <a href="#">BBC Worldwide</a></li> </ul>

## Clients

[Asda](#) [BBC Worldwide](#) [BMW](#) [Britannia](#) [BT](#) [The Daily Telegraph](#) [Dazed](#) [Diageo](#) [EDF](#)  
[Ford](#) [Gok Wan](#) [GVA](#) [Headmasters](#) [House of Windsor](#) [HX](#) [Kurt Geiger](#) [Land Rover](#)  
[Legal & General](#) [Malmaison](#) [NBCUniversal](#) [New Look](#) [Publicis](#) [Radio Times](#) [RCI](#)  
[Redwood](#) [Responsible Travel](#) [Saatchi & Saatchi](#) [Selfridges](#) [Sony](#) [Storm Management](#)  
[Tesco](#) [Time](#) [Toyota](#) [VisitBrighton](#) [Volvo](#) [Winsor & Newton](#) [WSP](#) [Zurich Insurance](#)

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PROFILE	<a href="#">linkedin.com/in/richardplastow</a>
PORTFOLIO	<a href="#">richplastow.com</a>
GITHUB	<a href="#">richplastow</a>
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