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 **JavaScript, TypeScript, GraphQL, CSS** and **Sass.** Some **PHP, Rust, Bash** and **SQL**
FRAMEWORKS	Great with **Node, React, Next.js, Vue** and **Three.js.** Some **Gatsby, Express** and **NestJS**
LIBRARIES	Excellent with **Tailwind, Redux, React Router, React Spring, Lodash** and many more
CODE QUALITY	Currently **Nx, Prettier, ESLint, Storybook,** JSDoc, **Jest, Playwright,** Sentry and **Lighthouse**
CI/CD	Experienced with **NPM, Git, GitHub** and **AWS.** Some **CircleCI, Docker, Azure** and **GCP**
SOFTWARE	**VS Code, Figma, Blender, 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	Senior Full Stack JavaScript Engineer
DATES	June – November 2024 (6 month contract)
COMPANY	**HX,** London, offer premium cruises to destinations like the Galápagos and Antarctica
ROLE	• Built **React** components for a new **Figma** design system, with pixel-perfect **Tailwind**
	• Worked closely with product owners, developers, designers and other stakeholders
	• Implemented new page designs and layouts for **travelhx.com**, a high-performance, high-volume, high-value customer-facing **Next.js** + **TypeScript** website
HIGHLIGHTS	• Introduced the team to **generators,** and created a suite of high quality components
	• Built a system for responsive scroll-driven animated maps, with **custom React hooks**
	• Created an advanced **Storybook** instance, generating docs from **JSDoc** comments

TITLE	Front-End Developer
DATES	August 2023 – May 2024
COMPANY	**KOPE,** based in London, provide AI-powered web apps for offsite construction
ROLE	• Researched and evaluated new technologies, including **Nx** monorepo and **Drie** 3D
	• Championed robust, maintainable, accessible code, with excellent **core web vitals**
	• 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 engineers at **WSP,** using **IBM Carbon** and **GraphQL**
	• Transitioned the **front-end** multi-repos to an **Nx monorepo,** retaining full **Git** history
	• Introduced **JSDoc-based** 'soft typing' as a lightweight alternative to **TypeScript**

TITLE	Freelance Full Stack JavaScript Developer
DATES	August 2022 – August 2023
CLIENTS	• **KOPE, VisitBrighton** and generative AI interior design startup **Not Timid**
ROLE	**Full stack JavaScript** web apps in **Node, React, Next.js, TypeScript, Tailwind** and **Three.js**
HIGHLIGHTS	• A suite of **NPM** modules which improve the **JavaScript** development experience
	• Interior design app using **AWS, Node, Next.js, TS, React Three Fiber** and **Tailwind CSS**
	• A prototype using **Vue-based** 3D animation: **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
	• Spearheaded R&D into running **React** on smart TVs and set top boxes
	• Modernised the tech-stack for an **Agile, CI/CD** workflow with **AWS**
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	• 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**
	• **'Bar Sim Game',** a multi-user 3D financial simulation for **Diageo,** built using **Three.js,** which won a DevLearn DemoFest award: **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**
	• In-store touchscreen catalogue for footwear brand **Kurt Geiger**
	• 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	• **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
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

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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