




**What have I been up to?** In the years 2019 to 2020 I completed a *CertHE in Health Sciences with the Open University*, and enrolled in paramedic training (BSc) with *St George's University*, London. However, after suffering a stroke in December which partially disabled me and made me unfit for my studies, I am (*possibly temporarily*) returning to the technology industry. I'm most interested in startups and technologies that make a disproportionately positive & scaled impact on society. I am looking for contract and part-time roles in which I can extend myself beyond the confines of programming, towards design, project management and beyond... 



At Facebook I worked within Community Integrity, helping to protect users from bad experiences on the platform. This was a metrics-focused role in which I learned to quickly but cautiously build UX at huge scales. I worked with Hack (PHP derived), React, and other front-end technologies.

Dec 2017 – Feb 2019



At CrowdJustice I helped build their platform that enables legal cases to be crowd-funded. This included the design, architecture and implementation of new features. Tech: Python (Django), Sass, D3, Stripe API, Heroku.

May 2017 – Sept 2017



At Twitter I worked on the Tweetdeck team, maintaining and improving the FlightJS codebase. I also took part in TwitterForGood initiatives including teaching coding to underrepresented groups.

Sep 2015 – May 2016



At Stripe I helped launch the payments API in Switzerland, Italy and Austria, provided engineering support to customers, helped refactor the dashboard interface using Ember, and built the Node.js API bindings.

Sep 2013 – Feb 2015



At Lab49 I developed UIs for single-dealer platforms. My work involved the creation of RIA UIs and the underlying JavaScript architecture, with heavy usage of the HTML5 APIs and CSS3.

Nov 2012 – May 2013



At UxeBU I helped develop an SVG renderer for a flash/AS3 conversion platform. I PM'd the open-source release of the Bonsai Graphics library, which included heavy work on the core, documentation, and demos.

2012



At Nokia I spent three months working as a contractor in Berlin. I contributed to their internal MVC core library, created prototypes, and interfaces for social applications.

2010



I interned for 3 months as a developer at AKQA London, working on Colgate and Orange clients. Projects involved ASP.NET, jQuery, SVG, MooTools, and PrototypeJS.

2008

## Considerable knowledge of:

- JavaScript, ES7+
- SVG, D3, Canvas
- React, JSX, DOM
- Node.js, Express, native APIs
- CSS, CSS3 (incl. LESS & SASS)
- Web Workers & Service Workers
- Mocha, Chai, QUnit, Jasmine
- TDD / BDD

## Additional experience in:

- Postgres, Mongo, MySQL
- Neo4j, Cypher
- Ruby, Python, PHP (Hack)
- Git, SVN
- Maven, Jenkins, Teamcity
- UX / UI design, prototyping
- Teaching & mentoring

## Public / Open-Source Work

(2020) I authored **Clean Code in JavaScript** (*Packt Publishing*), an exploration of clean coding techniques in ES2020+.

*Sonic*, a canvas-based utility for creating loading animations, which can also output in GIF and CSS / PNG.

<https://github.com/padolsey/sonic.js>

*Operative*, a Web Worker utility offering Transferable / Blob support, degrading in cases of no Worker support.

<https://github.com/padolsey/operative>

(2009) I authored a chapter on jQuery's Selector engine in the **O'Reilly jQuery Cookbook**

My **blog** about JavaScript has, in the past, had over 11k subscribers

<https://j11y.io/category/JavaScript/>

I've answered (and asked) many questions on **StackOverflow** (100k Rep)

<http://stackoverflow.com/users/21677/james>

I have volunteered, over the years, as an English teacher abroad (*Isara Foundation*), a *CodeClub* instructor, and an emergency response volunteer with the *Red Cross*. I am also an engineering mentor with *Bethnal Green Ventures*