

# James Padolsey


Software Engineer, Consultant & Published Author


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## Recent Projects

 **ParseTheBill.com**: LLM Legislation analysis. The goal was to make Bills of Parliament more accessible. Implementation notes: "Using LLMs to parse and understand proposed legislation".

 **Pippy.app**: Disability Advocate bot to help people with workplace adjustments and PIP. Includes safety filtering pipeline, RAG, embeddings. Implementation notes: "Building Safe, Aligned & Informed AI Chatbots".

 **Veri.foo**: Fact-checking and research SaaS AI, using LLMs, RAG, NLP. It enables lookups on any topic in the context of an email thread and across the web, with support for large contexts and attachments.

 **ABookLike.foo**: A book recommendation app with over 300k books and millions of constantly learning pathways between them. I've made add-ons to identify gender biases and anti-echo-chambers.

## 2019 – Onwards

### Career Interlude: Healthcare, Author, Consultant

In 2019, I trained briefly as a paramedic. I also completed my book on good programming practices in JavaScript and got it published with Packt. I now consult with private clients on generative AI, conduct my own research, and create AI-driven tools with full-stack JavaScript.

## 2022 - 2023



### Associate Engineering Manager @ Guardian - DevEx:

Managed devex team at a time of technical pivoting, providing strategic direction and support while interfacing with the wider department.

## 2017 – 2019



### Senior Software Engineer @ FB/Meta - Integrity Team:

Responsible for reducing harm on platform, building big-scale metrics-informed UX and conducting user and data research.

## 2017



### Software Engineer @ CrowdJustice:

At CrowdJustice, a small startup, I helped build a platform that, to this day, enables legal cases to be crowdfunded.

## 2015 – 2016



### Front-End Engineer @ Twitter/X – Tweetdeck:

I focused on improving UI performance of a multi-feed dashboard, also: teaching coding to underrepresented groups in STEM.

## 2013 – `2015





### Software Engineer @ Stripe - Global Team:

Joined as sub-100 employee. Launched payments in multiple locales, provided customer support, built product UX and Node.js bindings.


Earlier work: UX/FE engineering for AKQA, BBC, Nokia, Uxebu, Lab49, and others. Volunteering at CodeClub, Isara Foundation, Red Cross.


## Noteworthy Historic Work

 Authored a 500+ page book encoding best practices in software, specifically the JavaScript language: **Clean Code in JS** [j11y.io/js-book](http://j11y.io/js-book)

 I wrote the first implementation of cron.js, a CRON implementation in Node.js, now downloaded 1.6 million times weekly.

 My archived Blog about JavaScript has, in the past, had over 11k subscribers [j11y.io/javascript](http://j11y.io/javascript)

 Active on StackOverflow (110k Rep) [stackoverflow.com/users/21677/james](https://stackoverflow.com/users/21677/james)

 Co-authored **O'Reilly jQuery Cookbook**

## Knowledge & Technical Skills:

**Expert:** UX Engineering, Accessible Web, JavaScript, Browser and web stack, CSS, React, Next.js, Node.js.

**Competent:** Ruby, Python, PHP, Git, Linux CLI, Nginx, Neo4j, Redis, Teaching, Mentoring, Data Engineering.

**AI tools:** LLMs. Diffusion-based image-gen and video workflows, RAG, NLP Embeddings, Vector Search, Graph-based ML.