

Bruce Thomas

Senior front-end developer & developer educator

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LinkedIn <https://www.linkedin.com/in/fliptopbox>
Online CV <https://rebrand.ly/frontend-cv> (always up-to-date ;)
WebSite: <https://fliptopbox.com/>

Code on public platforms.

- <https://codepen.io/fliptopbox> (prototyping & demo platform)
- <https://github.com/fliptopbox> (various lib repos and stuff)
- <https://www.npmjs.com/~fliptopbox> (NPM for Skypack & WebComponents)

Personal profile.

- Over 10 years production web development, working in London
- I am a people person with a relaxed sense of humor.
- I thrive in paired programming and mentorship roles
- MA in Graphic Design, so I have a good eye for UI/UX detail
- I love problems that can't be solved with a google search
- I am very excited by WebSockets, WebComponents and Edge computation
- Insatiable curiosity for emerging technologies, especially SSGs.
- After work I like to draw, and run a little drawing class near home, where I publish a vlog of Instagram reels of my drawing classes.

Skills.

- Technologies: React, Javascript, HTML5, CSS3, Node, SASS/LESS, Tailwind, GIT, Webcomponents, Jest, JSX, SVG, Docker, Python, JAMstack & Imagekit.
- UX/UX skills: graphic design (figma), video editing (for code tutorials), OBS, Riverside studio (for webinars) and YouTube channel management.

References.

- Neil Cadman Project Lead, REGUS
- Rhian Lewis Senior Ruby Developer, AKQA
- Gregor Borga CTO of Boson Protocol
- Arti Mathana - Senior Front-end engineer (colleague), Ably Realtime

Languages.

- Fluent in English & Spanish & JavaScript :D

Professional experience.

Ably Realtime: (Developer Education) Nov 2021 - Dec 2022

Ably Realtime: (Senior Frontend Engineer) April 2021 - Nov 2021

A frontend engineer (Ruby on Rails stack) with a culture of paired programming and self testing with peer reviews. We refactored legacy code to implement React (with hooks) and tailwind frameworks, while rebranding the corporate identity. I also themed and modified a Ghost blog, developed for a Gatsby SSG + CMS (with contentful) and was heavily involved with the bespoke documentation platform (that used Nanoc and textile).

Disciplines: React, Tailwind, Ruby on Rails, Nanoc, Ghost

Website: <https://ably.com/> (corporate site)

Boson Protocol: (Daap escrow prototype on ETH) Nov 2019

A frontend UI/UX design and implementation of a prototype Daap using Ethereum as an escrow service. The prototype was created as a demo to an angel investment community (at Rocket) as a seeding application.

Disciplines: React, Redux, Metamask, Truffle (ie Drizzle, Ganache)

Website: <https://bosonprotocol.io/> (corporate site, the prototype is NDA)

NetSupport: (EdTech, on ChromeOS, front end) July 2019

Research and develop real time screen sharing feature, as a chrome extension for a bespoke remote education platform, a pseudo RDP experience, using native ES6 JavaScript, WebSocket signaling and WebRTC video streaming. Vanilla Javascript.

Disciplines: Chrome OS, Extension API, WebRTC, WebSockets

Website: <https://www.netsupportsoftware.com/>

Paymentsense: (front end) September - December 2018

After marketing and re-branding we had to integrate new designs and branding into an Umbraco CMS. This was predominantly HTML, SCSS with ES6/7.

Disciplines: ES6/7, GIT, Visual Studio, Umbraco

Website: <https://www.paymentsense.co.uk/>

Travelers: (full stack developer) February - December 2017

A UI/UX design and prototype build, for a solicitors insurance product. A fast delivery with weekly stakeholder demos of UI/UX. The production included a refactor of

legacy jQuery architecture to ES6.

Disciplines: Node, ES6, Jest, GIT, Sketch, IBM gateway scripting

Highlights: Docker, Ethereum blockchain hackathon, Gateway scripting

Steer73: (UX/UI lead interface designer) April - September 2016

This role was a combination of front-end prototyping and UI/UX for Paddy Power, Whitecar, and The Language Shop. My role was split between design and front-end development with the emphasis on UI/UX

Disciplines: GIT, HTML5, SASS, CSS3, Sketch, InVision, Lucidchart

Highlights: Responsive, adaptive HTML front-end for .NET integration.

Side projects to learn from

FlipTopBox (from Jeckyl to Eleventy) - Early 2021

To stay abreast of the emerging wave of JAMstack developments I rebooted my website, migrated from Jeckyl to Eleventy, and learnt Babylon for some eyecandy.

Life Drawing via WebSockets - Feb/March 2020

A microservice to deliver massive SVG data payloads via web-sockets, with LZW text compression. I “invented” a way to stream SVG data to the front-end UI using node websocket server, and wrote a Medium post. See [“Nudity and the websocket”](#)

Twittertron 2022 (a bot POC for social monitoring and promotion)

A twitter bot that watches, responds and authors curated tweets, give a curated list of non-safe topics and a criteria to like, and RT. In less than 3 months that twitter account went from 200 to 1000+. *It is no longer operational.*

To see more tech experiment please visit <https://fliptopbox.com/>