

Tommy Palmer

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I'm a Senior Full Stack Engineer with over a decade of work in various tech stacks and organisation sizes. My experience and background in design means that I am able to understand backend, frontend, design, and everything in between.

I have been both the only Engineer and part of a large organisation, and can confidently work on multi-disciplinary teams with stakeholders outside of Product and Engineering. I am a quick learner who can pick up new concepts and who is happy to jump into unfamiliar codebases to understand their intricacies.

Technologies

Frontend: HTML, CSS, SCSS, Tailwind, JavaScript, TypeScript, React, Next.js, Svelte, SvelteKit, Astro, Phoenix LiveView, Stimulus

Backend: Elixir, Phoenix, Ruby, Ruby on Rails, Node, Go

Infrastructure: AWS, Heroku, Netlify, Render, Vercel

Recent Work

Sona (Senior Software Engineer) *January 2024 - Present*

Phoenix, LiveView, Elixir

- Built reports for customers to export their data, reducing developer and BI workload.
- Refactored the filtering on our scheduling view as a result of customer feedback.
- Migrated several customers to version 2 of our holiday feature, allowing for greater flexibility for their holiday bookings.
- As part of our support rotation, tracked down and fixed multiple sources of erroneous data.
- Added several quality of life improvements to internal tooling, such as customer configuration, data migrations tools, and easing deprecation of features.

CastRooms (Founding Engineer) *April 2022 - November 2023*

Phoenix, Elixir, React, WebRTC

- Built our live-streaming platform from the ground up using a third party streaming provider.
- Introduced an aspect ratio based responsive design to cater to many screen sizes.
- Built our video calling platform using Twilio with a queueing mechanism to move users on and off the video call seamlessly as a way to accommodate usage limits.
- Investigated and delivered proof of concepts to understand the capabilities of other video calling providers, like Vonage and LiveKit.
- Ported our video calling platform to LiveKit as a way to increase our usage limits.
- Worked on a weekly cycle of feedback, delivering new features each week ready for that weekend's livestreams.

Good Club (Senior Software Engineer) *Feb 2021 - Jan 2022*

Phoenix, Elixir, Tailwind

- Implemented AB tests for the checkout process to improve conversion.

- Built an improved parsing system for supplier metadata coming from third parties to save time on inventory management.
- Added a new CMS for curation of promotional content to allow for targeting users.

Deliveroo (Software Engineer/Senior Software Engineer) *Feb 2016 - Feb 2021*

Ruby, Rails, Sinatra, React, Go, Postgres, GraphQL

- Ported the Menu page from Angular to React working with several Frontend Engineers as the only backend Engineer. This allowed the team to iterate faster on the most complex and interactive page on the site.
- Extracted the Restaurant Listing page from our main Monolith Application, making it easier to work on and improve our backend Restaurant Listing API.
- Led a project which enabled Restaurants to deliver using their own delivery staff, increasing selection for customers outside of large metropolitan centres.
- Shipped a feature in checkout to toggle a preference for plastic cutlery within a short timeframe. This met the deadline for a national press release, including [comment from the Mayor of London, Sadiq Khan](#).
- Supported local teams with bug fixes and support queries.
- Organised and assisted others in organising meetups in our event space.
- Coached interns and junior engineers, enabling them to become more self sufficient engineers.

GOV.UK (Junior Software Engineer/Software Engineer) *Feb 2014 - Feb 2016*

Ruby, Rails, Sinatra, Elasticsearch

- Refactored the GOV.UK contacts application to be more performant.
- Worked on GOV.UK scoped document search pages, refactoring them to have much less code and making use of meta programming techniques to make it easier to add new document formats.
- Prepared the site for the 2016 UK General Election by modifying existing publishing systems to have data on which Government published them, moving policy documents to our scoped document search system and introducing features which allowed us to mark a Government as 'ended' on GOV.UK.
- Ported one of our internal CMS applications to use a new internal data storage repository application and leaving it in a state which could be picked up by other developers when I left.

Chillibeans (Front End Developer) *June 2013 - Feb 2014*

Ruby, Rails

- Improved design and front end details on the main video transfer application

Rumble Labs (Software Engineer) *January 2011 - May 2013*

Ruby, Rails, jQuery, HamL, Scss

- Built prototypes for various startups

Education

- Second Class Honours Upper Division BSc Interactive Multimedia Design Distinction
- BTEC National Diploma in Software Development for IT Practitioners