

Angus Clark

Senior Front-end Engineer

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Senior Software Engineer with 7 years' experience across climate tech, fintech and web development agencies. Skilled at taking greenfield software applications from zero to one. Currently employed at a fast growing nonprofit in the climate data sector, working on a first of its kind no-code energy systems modelling platform. Previously a founding engineer at a Y Combinator backed seed-stage startup, collaborating closely with the founder/CTO to develop the product MVP. Before this, was a core member of the development team at Better (formerly Trussle), a mortgage broker scale-up. Earlier experience includes front-end engineering at Vodafone, gaining valuable exposure to agile ways of working in an enterprise setting. Brings experience across the entire software development lifecycle, with a strong focus on front-end development.

Experience

Senior Front-End Engineer

September 2023 - Present

TransitionZero

- Led migration of components from MUI to Radix UI, improving the developer experience and future proofing against breaking changes in the React ecosystem, prioritising React server component support (RSC)
- Refactored server state management from Redux to React-Query, cutting down on project boilerplate and unnecessary global state, enabling server-side data fetching with RSC
- Championed the adoption of Scrum practices, such as user story refinement and story pointing, to support the team's agile maturity and improve sprint planning
- Built custom charts to visualise the results of system models using D3.js
- Contributed to a satellite imagery powered, asset level data-set of solar power plants around the globe

Senior Full-Stack Engineer

January 2022 - April 2023

Tranch

- Significant involvement in the initial stages of product discovery, playing a key role in conceptualising and delivering the MVP – developed a single page application (SPA) using React, Next.js, Styche authentication, Fastify and PostgreSQL that has served more than 200 distinct business customers since its launch
- Built features such as autofill postcode lookup, one-time password authentication, and companies house integration – all core functions of the product

- Mentored a team of junior developers, providing guidance, support and technical education, offering constructive pull request feedback and suggestions to ensure efficient and high-quality code
- Took a hands-on approach to lead the overall improvement of the team's performance, knowledge sharing, and adherence to the company's coding standards

Product Engineer

June 2020 - December 2021

Better (formerly Trussle)

- Rebuilt mortgage ops tool with TypeScript, React Hook Form, Next.js, and GraphQL (Apollo), improving web performance metrics across the board
- Worked on complex front end validation rules, autofill postcode lookup, intuitive tooltips, and one-click copy paste functionality. These enhancements significantly improved the workflow efficiency for roughly 70 ops staff members
- Promoted to Full Stack Engineer after successfully implementing a micro-service in TypeScript and GraphQL
- Demonstrated proficiency in infrastructure as code tooling, including Kubernetes, Docker, AWS, and GoCD (open-source CI/CD tool), supporting efficient and scalable development processes

Front-end Developer

June 2018 - June 2020

MMT Digital (at Vodafone UK)

- Core member of an agile front-end team responsible for creating UI components for the Vodafone shopping basket page
- Contributed to the implementation of automated continuous integration processes and infrastructure as code for front-end repositories
- Emphasised a mobile-first development mindset, ensuring cross-browser support

Additional Experience

- CS50: Introduction to Computer Science, Harvard Online March 2018
- JavaScript: Understanding the weird parts, Udemy January 2017
- English & Communications, University of Liverpool, 1st 2013 - 2016

Languages, Tools & Technologies

- React, Solid.js, TypeScript, Python, Next.js, D3.js, PostgreSQL, GraphQL, Node, Tailwind, HTML, CSS