

# Tom Sherman

A **kind** and **curious** software engineer with a passion for **the web**, **functional programming**, and **strong type systems**.

[tom-sherman.com](http://tom-sherman.com) | [the.tomsherman@gmail.com](mailto:the.tomsherman@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Twitter](#)

**Current role:** Principal Software Engineer @ OVO

**Technologies:** React, AWS, TypeScript, React Native, JavaScript, Terraform, Next.js, Go, Node.js, CouchDB, PHP, MySQL

**Principal Software Engineer, [OVO Energy](#)**  
Energy Retailer

Jun 2023 - Present

- Proposed and lead migration from self managed infrastructure to the Vercel platform
- Lead adoption of Next.js
- Leading our path to micro-frontends in React Native

**Senior Software Engineer, [OVO Energy](#)**

Oct 2020 - Oct 2023

**Frontend Developer, [Epos Now](#)**  
Point of Sales software and hardware

Dec 2019 - Oct 2020

- Led the creation and maintenance the Epos Now design system and React component library from blank page to production use
- Successfully implemented a migration plan to transition a legacy product to utilize our newly developed React component library and design system.

**Frontend Developer, [Lisa Angel](#)**  
Independent ecommerce retailer

Jul 2019 - Dec 2020

- Led the transition of Lisa Angel's core e-commerce offering from a legacy jQuery codebase to a modern React application within a Lerna monorepo
- Implemented a Webpack build pipeline into an existing PHP codebase, ensuring a small bundle size through effective code splitting.

## Project Highlights

- **Taming the React Native monolith with Module Federation** - [youtube.com](https://www.youtube.com/watch?v=8v33333333)  
A talk I gave at the 2023 Norfolk Developers Conference about micro-frontends, webpack, and Conway's law.
- **Serverless state machines with XState** - [github.com](https://github.com/dan-abramov/xstate)  
Demo of an architecture for portable and platform agnostic workflows and state machines using TypeScript and XState