

Luke Channings

is a Freelance Developer in London

Skills

TL; WR, these are the buzzwords you're looking for:

- Front-End Architecture
 - React, Redux, CSS Modules, etc.
 - JavaScript (all versions, ESM, Babel, TS, etc)
 - Webpack | Make | Grunt
 - Node.js
 - Express | Koa, Swagger for designing REST APIs (and API Gateway security)
 - Testing with Jest, usually
 - GitLab, Jenkins, S3, CloudFront, Lambda, Terraform, AWSCLI, and lest we forget good ol' SSH and SCP.
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I have extensive experience working on large JavaScript projects, from front-end architecture to weighing in on DevOps. I have a wide range of skills but like to focus on JavaScript development and architecture (on the front-end and back-end) at much as possible.

For my last major front-end project I worked with React, which involved helping to design a front-end architecture that was server-rendered (ReactJS.NET), and used Redux for useful features such as serialisable and immutable application state, which makes time travel debugging possible, as well as allowing the capture of application state exactly in an error case.

For my last end-to-end project, I was involved in many aspects of development (including front-end architecture), and also contributed to some micro-service development, built on Node and built, tested, and deployed within Docker containers. Container orchestration with Rancher Server, using AWS to host and run the infrastructure.

I prefer pure JavaScript whenever possible, and preferably the latest flavour. I like to keep my finger on the pulse of the JavaScript community, and I'm usually aware of new language features, tooling, and frameworks (and if I'm not, I catch on quickly). I've also spent a lot of time with 'NIX systems, and am a lot more at home on macOS or Linux than Windows, so I fit right in writing shell scripts or configuring a Linux server.

Availability

I am available for new contracts in **September, 2021!**



Mosaic Smart Data (October 2019 - Present)

Job Title: UI Engineer *Tech:* React, Redux, Jest, Node.js, Highcharts, D3, Electron, Storybook



HSBC (November 2017 - October 2019)

Job Title: JavaScript developer *Tech:* React, Jest, Node.js, Splunk, Storybook



Amaze (August 2016 - October 2017)

Job Title: Technical Architect *Tech:* Node.js, vanilla JS, mocha, chai and jsdom, Docker, RancherOS, ELK, Tridion CMS, Couchbase, haproxy, Varnish



AKQA (September 2015 - July 2016)

Job Title: Senior Developer *Tech:* React, AVA, React.NET (embedded V8 in C# for SSR), SiteCore CMS



Amaze (August 2013 - October 2015)

Job Title: Started as a Junior Developer, when I left my title was Senior Developer *Tech:* Vanilla JS, jQuery, Backbone, XML, XSLT, HTML Canvas

Things I've worked on

- [MovieMatch](#) - A web app to help groups pick a movie to watch on Plex
- [Gesha](#) - A tool for making better espresso
- [kubeconfig](#) - A Kubernetes GitOps config for my Home
- [HSBC Credit Cards](#) - New To Bank
- [Emirates Group homepage](#)
- <http://www.volvocars.com/intl/build>
- <https://www.lexus.eu/en/#Introduction>
- [.config](#)
- [space-invaders FRP](#)
- [translate-json-cli](#) tool
- [Alexa Skill](#) to control a Chromecast

Blogs

- [11 June 2021 · Does Safari 15 finally fix viewport height?](#)
- [10 May 2020 · Mistakes made and lessons learned with Kubernetes and GitOps](#)

Contact & Social

- [Email](#)

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What else do I do?

- I have a new love for home automation. I've got deep into [MQTT](#), [Zigbee](#), [Home Assistant](#), and [Alexa](#). IoT and Home Automation are two things that are very hard to do without big security risks, and I spend some of my free time designing a home automation system that works offline and doesn't need cloud services.
- I like to spend the weekends going on day-long hikes in the country. Walking has always been a great way to clear my head and get some exercise!
- I'm a massive coffee snob. All of my coffee beans are fresh and I own a Rancillio Silvia + Rocky (espresso), a Hario V60 (pour-over), and Aeropress, and a French Press. I love learning about coffee, there's a lot of depth to it even though it seems simple at first.