

LES MOFFAT

UI ENGINEER.

les@lesmoffat.co.uk // lesmoffat.co.uk

OBJECTIVE.

An inventive, adaptable engineer with *nearly a decade of industry experience*. I'm seeking to advance my career in an environment *where my values align*, where I can thrive, grow, and make *meaningful, long-term contributions* to *impactful projects*.

Focusing on *web* and *Front-end / UI development*, but with *experience across the stack*, including *Node.js*, I have contributed to cross-functional *agile / scrum* workflows for organisations like *HBO / Johnnie Walker, FlightRadar24* and *Scottish Television*.

TECH.

Languages	<i>JS / TS // HTML // CSS // WebGL / GLSL // NodeJS // Python</i> (novice)
Frameworks	<i>React // Redux // Three // NextJS // ExpressJS // Vue // CSS Modules</i>
Testing	<i>Cypress // Jest // Storybook</i>
Build	<i>Webpack // Rollup // Vite // Babel // Gulp</i>
Other	<i>Responsive Email // CLI // GIT // AWS // CI/CD // Rest APIs // GraphQL</i>

CORE.

Innate Qualities	<i>// lifelong learner //</i> <i>// innovative problem solver //</i> <i>// communicative // self-starter //</i>
Learned Skills	<i>// Agile aware // Adobe CC // Figma // Atlassian //</i> <i>// Remote Experience // Design / UX / UI //</i>

HISTORY.

2022 - Present // Contractor (remote)
Contractor for various projects / orgs // Delivered solutions leveraging *WebGL, React, Gatsby, Next.js, Shopify, Strapi* // Integrated smoothly into projects with diverse technical environments going from *start to MVP in months* // Worked with cross functional *Agile workflows* // Collaborated with diverse multifunctional teams on larger projects // Delivered solutions in the *fast-paced environment of a start-up*

2021 - 2022 // Sabbatical
Following the pandemic, I took a deliberate step back from work to invest time in self-improvement and travel, including a period spent back home in Scotland with family.

2020 - 2021 // FlightRadar24 / FE Developer (remote)
Supported work on the web map and UI for FlightRadar24, serving *1.5M daily active users* // Supported migration of legacy codebase to VueJS, TypeScript to ES3 // Improved UI performance under high-traffic, *reducing loads times by 30%* // Implemented *Google Maps API, SASS*, and *Google Ads* for feature implementation // Contributed to architectural decisions to enhance performance, usability and scalability.

2019 - 2020 // Contractor / Freelance (remote)
Executed agency and freelance projects leveraging *React, Redux, ThreeJS, NodeJS, NextJS* and *Strapi* // Developed marketing products for clients like *Johnnie Walker* and *HBO* // Collaborated with diverse multifunctional teams on larger projects // Delivered solutions in the fast-paced environment of a start-up. // *Mentored junior devs*

2018 - 2019 // 8 Wires, Barcelona (remote)
Engineered UI for *public sector projects* at a data-oriented agency in Barcelona // Utilized *React, Redux*, and *JavaScript* alongside *data visualization* libraries like *ECharts* and *D3* // Executed small-scale sys-admin and backend work on *AWS Linux* // Collaborated in a small team with product and *design responsibilities*, defining app flow and user stories // Enforced *agile development* processes and liaised with clients to ensure project success.

2016 - 2018 // STV Plc, Glasgow, Scotland.
Front-end development for the *largest commercial broadcaster* in Scotland // Spearheaded the migration to *isomorphic JavaScript* with *React, Redux, NextJS*, and *Express* // Developed STV's flagship Player application with over *10 million streams* per month, data products, and news sites // Utilised *HTML video* and *HSP* and *ad tech* as part of a multifunctional team. // Managed enhancements for the legacy news app using *SASS, ES6, Gulp, PHP, Twig*, and *AngularJS*.

2015 - 2016 // Freelance Web development, Scotland.
Designed, built, and deployed websites for small businesses using jQuery, CSS, PHP, WordPress and Responsive Emails // Honed skills in communication, planning, and problem-solving through freelancing // Adapted to more advanced technologies later in my career.

EDUCATION.

HND Marine Science, 2015
University of the Highlands and Islands

REFS.

"I had the pleasure of having Les in my team at Scottish Television. I saw him thrown in the deep end of different projects with cutting edge technologies that he was able to figure out on his own initiative. His genuine curiosity for tech shows in his work. He's a great team player and I would happily recommend him to any web development team."

- Albert Kawmi, Former FE Lead @ STV, now at Spotify

"I worked alongside Les Moffat for over a year as a developer at Flightradar24. During his tenure, Les has proven to be a self-motivated, determined and extremely skilled developer. Despite no prior experience with the FR24 tech stack, he learned these technologies quickly and was immediately able to produce high quality code."

- Dawid Szlachta, FE Team Lead @ FR24

HUMAN STUFF.

// Portuguese Language (moro em Portugal). 🇵🇹 // Dog Dad (expert). 🐶 //

// Human Dad (novice). 🍼 // Grows Vegetables. 🥬 (expert) //

// Active in online gardening community // Terrible, but enthusiastic, musician 🎸 //

// Looking for somewhere that aligns with my values. 💛🌍 //

FURTHER INFO.

If you're interested in further info, you can find a selection of my work, with some case studies [here](#) and an interactive CV available [here](#).