CV

TL;DR

I'm Luke - a software engineer determined to solve every problem collaboratively and elegantly. I firmly believe in the power of simplicity and divergence.

I build modern, scalable systems with predictable APIs and performant UIs.

My primary stack consists of: JavaScript, React, Node.js, Go, GraphQL, PostgreSQL and AWS.

You can checkout my portfolio at **level-out.com** and **github.com/lukehedger**

Experience

Over the past 12 years, I have worked at all layers of the software engineering stack; on serverless payment platforms, state-of-the-art React apps, blockchain networks, viral marketing websites, open source tools and a pineapple delivery system. I've worked for early-stage startups, international corporations, prominent charities and infamous advertising agencies. I've also written articles and given talks about some of the things I've discovered along the way.

Timeline

Sep 2019 - Current | **Lead Software Engineer** | Cancer Research UK

Leading development of a greenfield payments platform to process Cancer Research UK's online donations.

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Mar 2017 - Aug 2019 | **Software Engineer, Head of Platform** | JAAK

Headed up development of the JAAK platform, providing content infrastructure to innovative music platforms and independent artists, with features including user authentication, content delivery and payments. Worked across the entire stack to build scalable APIs in Go and performant React applications that aggregated rights data and assets for millions of musical works and recordings. Also lead research projects around programmatic licensing, modelling decentralised identity and reputation in an open network and developing a rules engine for verifiable claims using JSON Schema and Lua.

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Apr 2016 - Mar 2017 | **Software Engineer** | Unlease

Lead product development of web application for UK-wide peer-to-peer rental community. Consistently shipped regular feature updates to 1000s of users, such as KYC, live text and video chat and intuitive date-picker. I also built a bunch of internal tools, including an account management dashboard, automated sitemap generator and pineapple delivery logistics system for a promotional campaign where Londoners could send each other pineapples.

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Oct 2014 - Apr 2016 | **Frontend Developer** | M&C Saatchi

Worked in agile, multi-discipline teams to deliver smart, modern websites and applications for clients including Converse, Land Rover, Ikea and Compare the Market.

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May 2013 - Oct 2014 | **Creative Developer** | Lean Mean Fighting Machine

Worked on briefs from ideation through to deployment, churning out finely crafted creations for clients like Unilever, Men's Health Forum, Forevermark and Google.

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Nov 2010 - May 2013 | **Lead Systems Engineer** | Enrich Reward Ltd.

Lead the conception, design and development of an enterprise-grade employee benefits system that serviced 1000s of users.

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Nov 2007 - Nov 2010 | **Web Analyst** | Mercer Ltd.

Reporting and maintenance of global pensions admininstration system.