



Experience

Director @ Kealan Parr Ltd

May 2021 - Present

- ▷ Running a profitable freelance side business offering: contract software development, technical writing, reviewing and content planning.
- ▷ I have worked on more than more than 80 projects with American and UK based clients with many household names.

Senior Full Stack Engineer @ AmberLabs

May 2022 - Present **JavaScript, Nunjucks, Docker Swarm, NodeJS, Redis, psql, hapi, AWS**

- ▷ Working in a consultancy across a host of clients and tech stacks.
- ▷ Currently working at DEFRA. Successfully moved from Alpha to Beta.
- ▷ Technically planned and executed as a solo developer on our intranet. I developed cloud flows for CV referrals to automatically email our HR team, and for contacting about maintenance issues. I did this in my own time, and this was such a success, I became the Lead Developer for it.
- ▷ Led two iterations on our amberlabs.io website
- ▷ Responsible for maintaining and extending 30 API endpoints in a distributed multi-microservice codebase.
- ▷ All code at Defra has 95% unit test coverage to merge on CI/CD pipelines, which I merged multiple large pull requests adhering to
- ▷ Extensively changed all of the websites page routing, to eliminate multiple redundant arguments. This changed around 100+ pages, and was deployed without incident.
- ▷ Built frontend user flows in government design system (GDS) using the Government prototype system
- ▷ Built and configured a file-upload service, that on submission scans files for viruses using ClamScan - before storing it into AWS s3
- ▷ Edited our OpenAPI YAML file to define the database schema. Verified data input with Joi
- ▷ Reviewed 20+ candidates CV's for multiple positions. Did this often, and interviewed more than 40 candidates.

Contractor @ Ecommerce brand

May 2021 - May 2021

- ▷ Via Kealan Parr Ltd, I collaborated with an ecommerce brand to set up their Etsy store.
- ▷ I delivered to the spec, on time and within budget

Senior Software Engineer @ Auden

July 2021 - May 2022 **React, TypeScript, JavaScript, goLang, HTML, CSS, NodeJS, AWS**

- ▷ Operating in the Front-End guild across multiple micro-frontends.
- ▷ Delivering short-term loan products and actively providing quality assurance for multiple developers
- ▷ Most recent project released to prod removed 532hrs of manual work annually by Customer Service agents, saving £75,000 yearly.
- ▷ Wrote 150 cypress test cases and moved around 500 loc from JS to TS. Also halved the test time execution from 180s to 80s
- ▷ Regularly worked with the Head of Development on individually set tasks, as I am a talented problem solver. Influential in wide-reaching decisions , like the removal of technical solution providers such as Contentful

Software Engineer @ bet365

Oct 2017 - July 2021 Swift, TypeScript, JavaScript, golang, HTML, CSS, NodeJS and Sass

- ▷ Talented software developer delivering more than 35 projects across mobile, web and native iOS, for a multi billion pound company. From the delivery of a new iOS app, the introduction of Russian language onsite, reworking our topic subscription service to drawing data driven In-Play league tables
- ▷ A keen problem solver, entrusted with out of hours on-call duties, and mentoring juniors, working in a high pressure environment
- ▷ Responsible for planning and architecture of the projects I work on, producing accurate technical documentation, diagrams and tech-wikis
- ▷ Code QA given and received to further learn and teach, alongside profiling and dev testing my own work extensively, to serve our millions of concurrent users
- ▷ Working in an agile and waterfall environment, collecting meaningful metrics to shape our UX and catch errors in production. Working closely with product development managers, designers and fellow team members over product requirements and technical solutions
- ▷ Spotted an issue with the discoverability of the tech-wiki bet365 maintained, so worked collaboratively with a Tech Lead and Manager, to delete over 400 outdated articles, and create a dashboard to better house information to assist juniors/ on-call
- ▷ Working on a custom framework bespoke to bet365 has ensured I have a deep technical understanding of web technologies such as JavaScript.
- ▷ Working at scale with customers in over 200 countries has ensured I can spot errors, maintainability issues, QA effectively, give helpful feedback and provide high quality code.
- ▷ Being an on-call developer has hugely aided my creative problem solving skills. At times during peak premier league hours when code releases can't be done, I am adaptable and endeavour to solve issues cleanly and in a timely manner.
- ▷ This role had me debugging in codebases that were more than 4 million lines in size. With huge scale, zero downtime and operating in more than 25 languages - my debugging process, and way I approach problems is excellent

Officer Cadet @ Royal Naval Reserves

Sep 2014 - Jun 2017

- ▷ I was promoted to Midshipman, and had a duty of care for junior officer cadets
- ▷ I developed very strong discipline from the military and excellent decorum in a professional setting as an Officer. I sat on a committee overseeing around 60 cadets, which taught me to be an effective leader and a good team player
- ▷ I earned a foundation degree in "Business Administration and Leadership", earned from my time in the Royal Naval Reserves, from multiple international deployments and officer barracks training



Jorge Guerreiro · 1st

Software Engineer at Adaptavist

July 26, 2021, Jorge worked with Kealan on the same team

I worked with Kealan closely during my time at bet365. 2 1/2 years. Amazing coworker, always ready to help and capable of taking on new responsibilities. Kealan has great problem solving capabilities and is probably one of the most organised people I have met which translates in great efficiency



Ben Davies · 1st

Senior Software Engineer at Adaptavist

July 19, 2021, Ben worked with Kealan on the same team

Kealan is an excellent software engineer whom I worked closely with for roughly two years at Bet365 on numerous projects and support issues for Bet365's desktop and mobile sportsbook websites. Kealan really stood out with his analytical thinking and regularly demonstrated his ability to step back and think about a problem before writing a solution.

He also isn't afraid to step out of his comfort zone. This was highlighted when he volunteered to take part in the development of the new Bet365 IOS app.

I really miss working with Kealan as he is an excellent team player and not just a colleague, but a friend. I do hope we work together again at some point in the future!