

Andrew Bridge

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Key skills

- Strong understanding of Javascript and Typescript
- Adaptable between multiple modern JS frameworks
- Experience working with Agile practices
- Working with various forms of codebase testing
- Requirement gathering
- Strong collaborative skills
- Developing and interacting with RESTful APIs
- Experience with Node.js microservices

Professional experience

Lickd | Senior Software Engineer, Lead Software Engineer

Mar 2021 - current

Starting as the only frontend focussed developer, I have continued development of Lickd's core Platform SPA, providing deeper CMS integration for easier content maintenance and playing a key role in scaling the Platform's user discovery features and the team developing it.

- Auditing, overhauling and improving registration and checkout journeys
- Integrating a headless CMS to allow non-technical staff to maintain key platform user journeys without technical intervention
- Implementing a Creator Dashboard system and foundational work for user personalisation
- Developing and managing the staggered release of a major site rebrand and content re-organisation
- Introducing Atomic Design methodology and reusability into the codebase
- Establishing project process practices within the team

Derivitec | Web Developer

Feb 2019 - Mar 2021

As sole web developer at Derivitec, a company offering a risk management solution for derivative assets, I managed the migration and implementation of our cloud based platform's web app, website relaunch and various API integrations.

- Implemented dependency management and bundling step into legacy .NET codebase
- Introduced a staged, in-place migration from legacy frontend to Vue.js SPA
- Integrated platform API into a Microsoft Excel plugin, enabling clients to access live data and calculations within the software
- Relunched the company marketing site, using pre-render builds to improve compatibility, SEO and performance
- Investigated and began implementation of a big data solution to allow for interactive, in-app data interrogation
- Experience with optimising for and handling large datasets in the frontend

ColInvestor | Full Stack Engineer

Jul 2017 - Jan 2019

At ColInvestor, a fintech start-up to manage alternative assets, I developed and maintained the AngularJS SPA as part of, and later a lead in, a six-person development team.

- Introduced modern best practices to the codebase, improving scalability to cope with large datasets
 - Considerably improved development environment for team
 - Implemented unit testing for core codebase
 - Experience working with highly sensitive personal and financial data, implementing security/access controls
 - Created PDF generation microservice using AWS Lambda functions
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University of Kent | Web Consultant

Jul 2015 - Jul 2017

As part of my role, I was responsible for the management of multiple concurrent web projects and a ten-person development team.

- Providing support to university web publishers through training and discussion
- Implementing new workflows and tooling to improve efficiency and quality of work produced
- Managing and assisting developers, designers and support staff
- Introducing modern technologies to improve our clients' user experience
- Decision making requiring an understanding of business requirements, web development and inter-team and inter-department communications
- Competitor and vendor analysis, requirements gathering and management of others for organisation wide CMS implementation.

Addison Group | Junior Web Developer

Aug 2013 - Jul 2014

During my placement year, I developed and provided ongoing updates of bespoke client sites within a 25-person team.

- Developing and maintaining corporate sites for FTSE100 clients
- Collaborating with a development team of 25 developers
- Producing high quality work on tight deadlines
- Handling sensitive financial figures
- Developing rich experiences compatible with legacy users with progressive enhancement
- Built and presented time-saving, organisation internal systems for the entire company

University of Kent | Web Developer

Feb 2012 - Jul 2013,
Nov 2014 - Jul 2015

As a developer in the Web Solutions team, I worked within a team producing client-editable, public facing websites for departments and researchers across the University, while providing on-demand support to the 500 publishers that maintained them.

- Implemented new workflows and organisational patterns to improve team communication and efficiency
- Introduced new modern web technologies to improve codebase while maintaining legacy browser support
- Led workshops for complex Dreamweaver and web best practice concepts for beginner participants

Freelance Web Developer and Consultant

2006 - 2015

I've provided freelance web development and consultancy for a wide variety of projects, where I've been responsible for an entire project's lifecycle and follow-on support. Client's have included the Cutty Sark museum and Canterbury Christ Church University.

- Provision of solutions for a wide variety of organisations, accommodating pre-existing workflows
- Management and undertaking of the full project lifecycle
- Working remotely and as part of a team
- Production of an HTML5 Canvas and pure Javascript 2D game engine

Education

University of Kent | BSc Computer Science with a Year in Industry

2011 - 2015

- Achieved a first-class honours
- Took management module as part of the course
- Adapted to a variety of programming languages and styles
- Explored computer-related law and ethics as part of chosen module

Technical skills

Javascript/Typescript, AngularJS, Vue.js, React, HTML/CSS, SASS, SQL, PHP, Laravel, C#, Java, .NET Core, Node.js, Lambda functions, Linux, Git, Bash, Docker, Vagrant, Webpack, Rollup, Vite, Jasmine, Karma, Jest, Cypress