Chris Burnell

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Front End Developer and Software Engineer with 16 years of experience, specialising in CSS, design systems, developer relations and education, and technical writing and speaking. Passionate about the open web, having published over 70 technical articles, and author of open-source software used by thousands of developers worldwide and on production client websites. Actively involved in the web community with many years of experience in organising conferences and meet-ups, most notably, State of the Browser.

Professional Experience

Software Engineer ⋅ S Squiz ⋅ London, UK

Jan. 2023 - Dec. 2023

- Built, maintained, and published a library of React components to enable developers to build
 accessible and customised client websites quickly that have been fully-tested and are productionready.
- Responsible for keeping track of web standards and keeping my team up-to-date on how we can
 leverage stable, new technologies to simplify and enhance the library of components.

Lead Developer & Chapter Lead ⋅ Squiz ⋅ London, UK

May 2022 - Jan. 2023

- Lead Developer and primary technical contact for 8 key clients, defining their complete technical implementation and standard of quality, with a focus on higher-education and government websites.
- Formulated learning packages as Chapter Lead to grow the front end knowledge of over 30 developers, which catalysed adoption of best practices and expertise.
- Managed a team of two developers, enabling them to pursue and succeed in career goals and development.
- Established a robust design system for projects which reduced development times by over 50% and enabled both technical and non-technical stakeholders to understand and participate in dialogue about the complex intersection between design and development.

Lead Developer ⋅ Squiz ⋅ London, UK

Feb. 2021 – May 2022

- Implemented modern web standards by redefining best practices, which led to higher code quality and reduced context-switching for developers working across multiple projects.
- Lead Developer for the UK's largest project of 2021, coordinating cross-functional stakeholders and making use of modern CSS for stronger art direction capabilities that improved the project's reflection of the client's brand identity.
- Mentored a Junior Developer for 20 hours a week over the course of a 6-week project and was able to
 deliver the project in 50% of the estimated time and achieved perfect Lighthouse and WCAG AA
 scores.

Front End Developer \cdot Squiz \cdot London, UK

Feb. 2018 - July 2020

Contributed to both the front end and content management implementations for client work and was
the key advisor for expertise on front end development, particularly to do with CSS, and was consulted
on dozens of projects for this knowledge.

- Volunteered to facilitate the standardisation of the global company boilerplate, authored the project's
 documentation, and incorporated new features as a key feedback channel for developers. This
 boilerplate is used by over 100 projects globally.
- Single-handedly developed the UK's first design system which is now used by more than 10 enterpriselevel projects, leading to more coherent codebases and a significant reduction in bugs and turnaround time for ad hoc work.

Web Developer · Dity, University of London · London, UK June 2014 – Feb. 2018

- Primary front end development advisor for both the University's <u>Main Website</u> and <u>Bayes Business</u>
 School.
- Collaborated with the Digital Marketing and Design teams to oversee the redesign and development of the University's websites to reflect its major brand refresh.
- Overhauled the University's <u>Clearing Website</u> to simplify the user journey and automate backend
 processes required for incoming applications, reducing processing times and dependence on staff.
 This led to significant cost and time savings for the University, and continues to be used to this day.

Front End Web & UI Developer · Squiz · London, UK

Apr. 2012 - Jan. 2014

- Built both the front end and content management implementations for client work, specialising particularly in cross-browser compatibility.
- Set up and organised learning initiatives for developers, including *Implementor Scrum*, an opportunity for developers to explore best practices and emerging web technologies in a casual group setting.

Community Experience

Conference Organiser ⋅ State of the Browser ⋅ London, UK

May 2018 – present

- Organised 6 annual, not-for-profit conferences, showcasing over 50 speakers with 150+ in-person attendees each year.
- Liaised with speakers, sponsors, venues, and handled the logistics of running an in-person and online
- Sourced sponsorship to fund the events and enable under-represented groups to attend for free.
- Built and maintained the conference websites, including a design refresh in 2018 and codebase refresh in 2021 as well as extensive work with APIs, to automate many organisational tasks for the conference.

Technical Writer & Software Author · * chrisburnell.com

2013 – present

- Launched a blog about web development in 2008 and have published <u>22 web projects</u> and over <u>265 blog posts</u>, including 147 technical articles, 73 articles about CSS, 42 articles about JavaScript, and 29 code demos.
- Author of numerous open-source software packages, accumulating over 37,000 downloads and having been used on many enterprise client websites across my professional career, including CSS libraries, design system tools, and native web components.