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Good software is easy to understand, well tested and secure. I am a software developer with 15 years of experience who likes to work with and mentor developers and teams on how they can improve their code quality and security so they can produce better software.

I have experience with various languages including PHP, JavaScript, Rust and TypeScript. If you review my open source contributions you will see I have a great deal of experience with test frameworks, code analysis, documentation and automation. I've also written on these topics in detail and given numerous talks to user groups and conferences.

- github.com/RobDWaller
- rbrt.wllr.info/blog
- rbrt.wllr.info/talks

Security is a focus for me, I've done work with platforms like Auth0 and consulted on the topic widely. I've also made open source contributions to security tools focused on JSON Web Tokens and Content Security Policies.

During my career I've worked with numerous organisations, big and small, including Eurostar, Immediate Media, Breakthrough Media, The Ministry of Justice, the Home Office and many more. I've fulfilled roles ranging from senior developer, technical consultant, architect and manager which provides me with an in-depth understanding of the tech industry and the challenges many organisations face.

I believe I have a great deal of experience and insight to offer. So if your organisation cares about open source and good software practices, or needs help to improve in these areas then we should talk further.

Recent Experience

Eurostar, Solution Architect

July 2019 - Present

Eurostar is a European rail operator and package holiday provider. I work within their online development team as a Solution Architect and I help define technical solutions so Eurostar can deliver their business goals. The role involves technical research, proof of concepts, documentation, stakeholder consultation, and mentoring developers through technical implementation. The projects I have focussed on have been Security and Content related, and have included work on Auth0, Content Security Policies, and Jam Stack technologies such as Sanity and Vercel. The languages involved include JavaScript, TypeScript, and Scala.

Immediate Media, Senior Developer (Contract)

November 2018 - July 2019

Immediate Media operates a number of large UK media brands, such as the Radio Times and BBC Good Food. I worked on their core WordPress and Symfony platform as a senior developer. I helped them build new features and improve existing ones while mentoring and guiding junior developers on topics such as Test Driven Development, code analysis and software architecture and design. Immediate follow an Agile Scrum workflow, most of their systems are based on AWS and they use development tools such as Vagrant and Docker.

Breakthrough Media / Zinc Network, Head of Technology

May 2016 – July 2018

Breakthrough are a communications agency where I was Head of Technology and ran the software development team. It was made up of front-end and back-end developers, dev-ops, QA and project management, and the team ranged in size from 8-16 during the period I was there. The majority of the work was based around the 40 WordPress websites we managed on behalf of their government and public sector clients. We took a modern approach to building WordPress websites including the use of Composer and Vue.js. We also ran and maintained a number of Laravel based websites for system monitoring and internal administration, and we built a number of Jekyll based websites. My role was both hands on and managerial and it included a lot of strategy, architecture and consultation work. I helped design a number of systems including data warehouses for Breakthrough's government clients. In addition to this we managed and built data insights tools using Python, JavaScript and Tableau. All Breakthrough's systems we hosted and maintained on AWS.

To review my career history in full please view my LinkedIn profile ([linkedin.com/in/robdwaller/](https://www.linkedin.com/in/robdwaller/)).

Education

Lancaster University 2002-2005, BA 2:1 History

References

Adam Lewis, manager while at WTG

Margherita Watt, director while at Breakthrough Media

Hobbies & Other Information

I enjoy sport, watch a lot of football and like to exercise. I have a passion for history and philosophy so read regularly. I contribute to open source software and write blogs for dev.to. I also like whisky, TV, film and gaming.

Additional Info

I was Security Cleared in 2015 and passed a DBS check in 2019.