Callum Macrae

JavaScript Developer

A developer with experience in both front-end and back-end development, primarily using JavaScript. Always looking for the next challenging problem to solve and next thing to learn. Cares about making the internet available for all: be that people with disabilities, or those with older devices and slow connections.

Employment

lostmy.name June 2014 to Present

Wore a number of hats here: started off doing front-end development, spent time focusing on and growing a passion for both performance on accessibility, and also spent a couple month writing Ruby. In 2016 we've been rewriting the website using Node and React, where I've taken a primarily back-end role.

Funding Options March 2014 to June 2014

Worked on two projects; a small app using AngularJS and a little PHP; and a Wordpress template, using the Timber plugin to avoid the worst bits of Wordpress templating.

Historic Futures Summer 2012

Did two weeks of work for Historic Futures, mostly fixing bugs in their PHP and Grails applications, but also developing a layered graph visualisation library using the Sugiyama method to visualise supply chains.

Freelance Development June 2011 to March 2014

Started taking on small freelance projects in June 2011 while still in education, starting with PHP development and shifting to more front-end and JavaScript work.

Academic

City University London 2013 to 2014

Studied Computer Science for a year and a half before deciding it wasn't the most efficient way of learning for me, and leaving. Studied programming in Java, systems architecture, data structures and algorithms, lots of UML, and something resembling web development. Briefly studied C++ but quickly recovered.
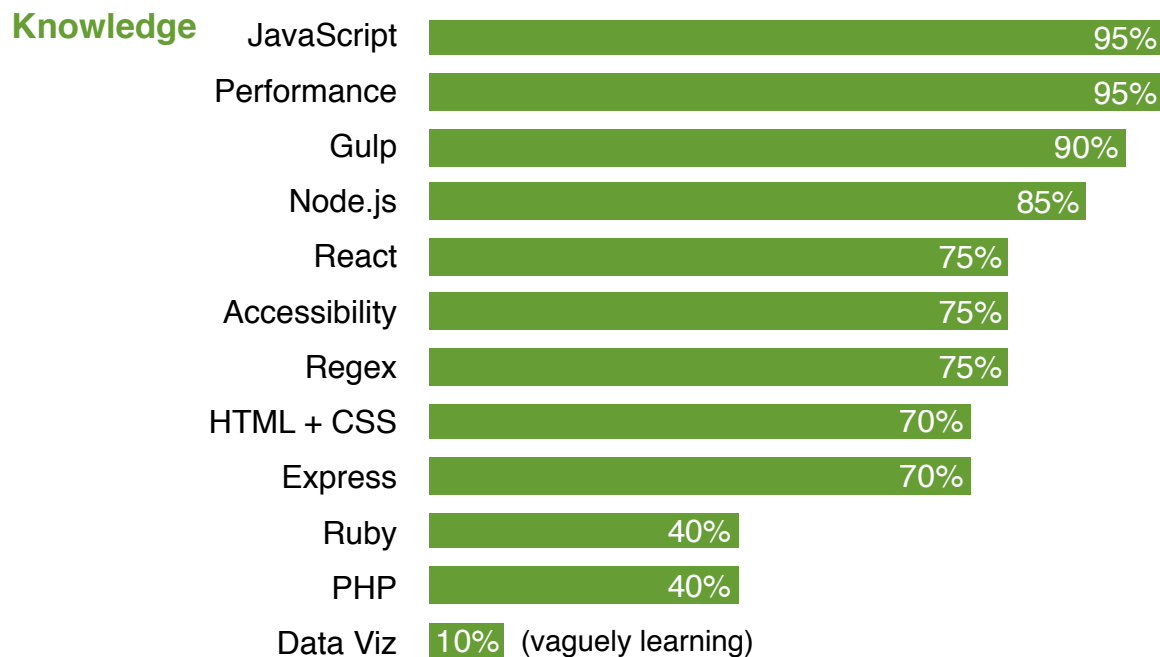
Alcester Grammar School 2006 to 2013

A Levels: Mathematics: A, Further Maths: C, Physics B: D

GCSEs: 8 GCSEs with A–C results, including an A* in Mathematics.

Writing I've always found writing a great way to learn, and have written a book, _Learning from jQuery_ (O'Reilly Media, 2013), a number of articles for websites such as Smashing Magazine, DZone and JSMag (my favourite of which was _Building with Gulp_), and also my own website, http://macr.ae/

I also made a website to teach people regular expressions at a hackathon, once: http://tryregex.com/

Knowledge

JavaScript	95%
Performance	95%
Gulp	90%
Node.js	85%
React	75%
Accessibility	75%
Regex	75%
HTML + CSS	70%
Express	70%
Ruby	40%
PHP	40%
Data Viz	10% (vaguely learning)

Hobbies I'm currently training to cycle from Land's End to John O'Groats which has basically taken over my life outside from work: I'm a pretty keen cyclist. When I can, I also enjoy cooking and drumming (but not at the same time: that would just be messy).

I enjoy contributing to open source. My primary focus right now is on my own project, a generative testing library called Deity, but I'm also a core team member of the Gulp and phpBB projects.

References Available on request.

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