

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 *SamKnows*

August 2016 to Present

Working on a number of websites written using Vue.js, specialising in data visualisation. Have worked on their main website, analytics dashboard, and some work for clients of the business.

lostmy.name

June 2014 to July 2016

Wore a number of hats here: started off doing front-end development, spent time focusing on and growing a passion for both performance and accessibility, and also spent a couple months writing Ruby. Spent the last six months of my time there helping rewrite parts of website using React and Node.

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 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

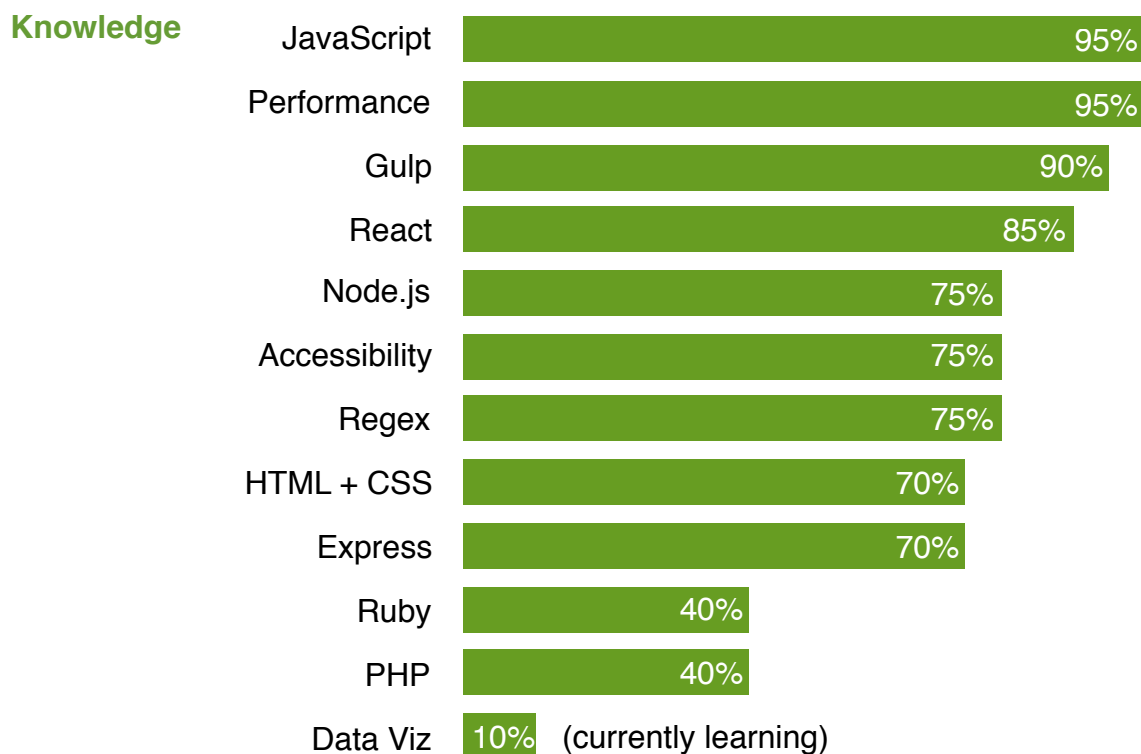
2006 to 2013

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/>



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

I enjoy contributing to open source projects. My recent focuses have been on two of my own projects, a generative testing library called Deity and a library with a jQuery-compatible API written in ES6 called jNearly. I'm also a core team member of the Gulp and phpBB projects.

References Available on request.

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