Howard Yeend.

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At a Glance

- 14 years commercial web dev experience, including 9 years remote work.
- Accomplished in both backend and frontend environments.
- Proficient with Vanilla JavaScript (ES5&6), jQuery, RequireJS, ESLint.
- Experience with React, NodeJS, lodash, CouchDB, redis, memcache, mySQL, nginx, npm.
- Tooling: git, agile development, Jira, Trello, SmarterTrack, grunt, yarn.

An experienced web developer, I enjoy being able to take decisions on both technical issues and product features. I like to think deeply about the design and UX of a product, as well as the underlying technology. Having taken breaks from software development to attend university, first at undergrad and later for my masters, my background is a blend of self-taught on-the-ground experience and more formal qualifications. When it comes to tech, my main passions are UX and performance. Outside of work, I enjoy bushcraft and adventuring.

Qualifications

University of Oxford (St Anne's College) 2008-2009
Computer Science MSc
Pass, with distinction in dissertation

> My dissertation focused on implementing Adaptive Web Sites using Machine Learning and Ajax, i.e. recording user behaviour while on websites and analysing the data in order to improve the user experience. I passed modules including Machine Learning, OOP (Java), Information Retrieval, Computational Linguistics, and Compilers.

University of Wales Lampeter 2004-2007
Information Technology and Philosophical Studies BA (Joint hons)
First Class Honours, awarded Lampeter Society Prize for IT

> I undertook modules including SQL, Artificial Intelligence, Computer Modelling, Hypermedia and Web Design, Robotics, Philosophy of Language, Time and Space, Metaphysics, and Ethics. My final project, a 'university simulator' game, was written in VB.NET and MSSQL.

Northampton College 1999-2001
> City and Guilds "Computer Programming – Games & Quizzes" (distinction).
> City and Guilds "Computer Programming – Business Applications" (pass).

Northamptonshire Grammar School (GCSEs) 1995-1998
> B Grade: Physics, English Lit., English Lang., German, French.
> C Grade: Maths, Chemistry, Biology, Geography.

Relevant Experience

2014 – present: Developer at Growing Interactive Ltd (growveg.com)   100% remote
- Lead Developer on 'Journal', a gardening diary web app.
- Met with CEO, designers, developers, and customer support to create a clear vision of what the Journal product should be.
- Quarterly face-to-face meetings with Innovate UK and researchers at University of York to update them on progress of a government funded data collection and pest prediction project.
- Lead Developer on 'Big Bug Hunt', an embeddable widget designed for reporting bug & pest sightings.
- Created the Big Bug Hunt widget as a RequireJS AMD module in order to ensure zero side effects when embedded into partner sites.
- Worked in a productive agile team to iterate on Journal features, design, and UX.
- Used LeafletJS and Google Maps API for recording pest sightings and creating visualisations.

2010 – 2013:   Senior Web Developer at GG.COM Ltd (now gg.co.uk)   100% remote
- Returning from university, I brought an idea for a new product to GG - 'Odds Anywhere'; a browser addon which scans text for horses racing soon, compares odds, and offers affiliate links for betting. GG sought to patent this (GB1003528.5), and offered it as a licensing deal to third parties.
- Wrote extensions/addons for Chrome, Firefox, and even IE using C# and BHO to load and inject our JS into IE at runtime, executed in the context of any 3rd party site.
- Used statistics and machine learning to evaluate various betting strategies based on historical horse racing and tips data.
- Directly collaborated with the CTO to design new backend architecture, using NodeJS, nginx, memcache, redis, and CouchDB.
- The backend coped excellently with traffic in excess of 5 million pageviews per month.
- Supervised a remote junior PHP developer.

2007 – 2008:   Web Developer at GG.COM Ltd (now gg.co.uk)   On-site role
- Maintained & bugfixed existing systems using PHP 5 / mySQL.
- Developed a JavaScript bet calculator which was deemed worthy of spinning off to a standalone website in its own right.
- Created a Firefox plugin and chrome addon to allow people to calculate betting winnings / returns.

2001 – 2005:   Internet Programmer at Freetimers Ltd   On-site role
- Role progressed rapidly from a junior technical role to being the primary designer and maintainer of the flagship 'admin area' product.
- Met with clients and prospective clients to discuss feature requirements, and to demo our solutions.
- Instrumental in the design and continued development of all technical products offered to clients.
- Created multi-lingual, multi-website content management system, a web-managed stock control system including e-commerce, and web-based bulk email software.
- Managed a small number of junior developers and brought their skill level forwards.