

Perry Rylance – Senior Full Stack Developer

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Skill Set

- HTML5, CSS3, PHP, MySQL & JavaScript (ES5 and 6, including JSX).
- jQuery, Google APIs, GSAP, Three.js, Graph API, PayPal, Shopify and more.
- Node.js, Cordova and WebView mobile app development.
- In-depth understanding of HTTP spec (RFC), practises and mechanisms
- Efficiently working with JSON, (X)HTML (RFC), XML, DOM.
- Strong practical application of standard design patterns such as PRG, OOP, DRY, REST & MVC.
- WordPress plugin development, including 3rd party plugin integration.
- Solid understanding of security considerations and practises, including secure hashing, cryptographic PNRG's, and secure authentication including OAuth.
- Extremely strong code organisation, re-factoring and optimization skills.
- Audiovisual programming including 3D graphics, gaming and DSP.
- Writing very low level, performance critical code, not only in the context of VM's but also at levels as low as C and GLSL.
- Version control including GitHub and TortoiseSVN.
- Training, managing and mentoring Interns and Junior Developers.

Professional experience

Senior Developer - Code Cabin

2017 - present

Working as the Lead Developer on their flagship WordPress plugin, WP Google Maps, with half a million active installations worldwide, and over twelve million downloads. My responsibilities include customer support, especially with technical issues, working on dozens if not hundreds of websites each week, mainly in terms of conflict resolution, managing the Git repository for WP Google Maps, patching issues and improve code, re-factoring code, writing modules from scratch, supervising and training the junior developers, developer documentation, and maintaining the plugins website.

My proudest achievement here was taking completely procedural, monolithic, WET code and smoothly re-factoring that over time into DRY modular, REST based code, making the code much more maintainable, readable, and massively increasing the performance. I enjoyed working with the Interns and Junior Developers during this time to explain what our objectives were and how the latter approach benefits everyone concerned.

Web Developer

2010 - 2017

During this time, myself, and occasionally sub-contractors working under me, were catering for all manner of clients from sole traders to multi-million pound businesses. A majority of my clients were within the UK however I did have customers as far as Illinois, US. I've undertaken a diverse range of projects, from simple sites with an emphasis on graphical design, to fully fledged CMS driven e-Commerce sites for companies stocking thousands of different products.

I worked with a massive range of PHP libraries, jQuery and JavaScript libraries, REST and SOAP architectures, complex database problems and much, much more. My proudest achievements during this time were implementing a computationally feasible solution to the bin packing problem for a large builders merchant, and designing a 3D, animated virtual pocket watch which you can see working in real time.

Agency / Subcontracting

2004 - 2010

I worked for various agencies and firms doing a range of jobs including warehouse operative, demolition and other labouring, caterer, apprentice stonemason and mechanic, I also co-managed a music festival two years in a row before selling that project on. During this time I was still actively programming in order to build my skillset and make a break into the industry.

Education

GCSE

Churchill Community School — 1998-2003

English, Maths, Double Science, Music, History & Geography

ABRSM

Private Tuition

Piano Grades 1 – 7, Music Theory Grade 7 (with Distinction), Trumpet Grade 3

References

Nick Duncan – Code Cabin

Hobbies

I'm a lifelong musician and enjoy playing and composing, I play too many instruments to name here but my favorites are mandolin, and hawaiian lap steel. I've played in semi-pro bands and appeared on a handful of albums and Eps. I still enjoy casual gigging every so often and playing with friends on the weekends.

I've completed several camper conversions over the last few years, both my own and friends. I've fitted more than half a dozen, to date, converted from work vans into fully insulated, clad campers complete with running water, cooking facilities and heating.

I also enjoy running, cycling and weight training.