Perry Rylance – Senior Full Stack Developer

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PR

Skill Set

- HTML5, CSS3, PHP, MySQL (including GIS) & JavaScript (ES5 and 6), jQuery.
- Expreience with hundreds of 3rd party API's such as Google, Facebook, Twitter, GSAP, Three.js, PayPal, WorldPay, GoCardless, Stripe, Shopify, Royal Mail, eBay and many more.
- Basic working knowledge of Laravel and Lumen and their accompanying components (eg Guzzle, Illuminate).
- Node.js, Cordova and WebView cross platform mobile app development.
- Dependency and package managers, especially Composer and NPM.
- Build pipelines and tools including Gulp, Browserify, Webpack, Babel, and more.
- In-depth understanding of HTTP spec (RFC), practises and mechanisms.
- W3C / WCAG compliant (X)HTML5, XML, DOM.
- Strong practical application of standard design patterns such as PRG, OOP, DRY, and MVC.
- Developing and integrating with RESTful services.
- WordPress plugin development, including 3rd party plugin integration.
- Solid understanding of security considerations and practises, including standard authentication methods, secure data storage and transmission
- 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

Freelancing
2020 - present

Due to circumstances beyond my control, and relating to COVID-19, my contract with Code Cabin is over. I'm presently taking some time out to grow as a developer and get an intimate practical knowledge of some of the systems I've been keeping an eye on for many years now, which have now matured into platforms large enough that I can learn them whilst being confident that they won't be redundant any time soon. Specifically, I've been training in Laravel, Node and ES6.

I have been doing various small freelance projects however I'm mainly focused on training until I find another contract.

If you would like to know more about what I've been doing since my contract with Code Cabin ended, please visit my personal development blog at https://perryrylance.com

Senior Developer - Code Cabin
2017 - 2020

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.

If you would like to know more about my technical achievements and work with Code Cabin, please visit my development blog at https://perryrylance.com

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 (letter of recommendation)
Additional references from freelance contracts upon request

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 enjoy occasional performances and playing with friends.

I've completed several camper conversions over the last few years, both my own and friends. I have basic knowledge of mechanical work and would like to learn to weld.

I also enjoy running, cycling and weight training.