

Gareth May - BEng

Front-end React.js web developer

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Summary

- A highly focused web developer with a proven record of success in React development.
- Experienced in complete end to end development and launch of responsive websites from scratch with a proven ability in HTML and CSS and a firm knowledge in React, JavaScript and WordPress.
- Highly experienced in SEO with a comprehensive understanding of the methodologies used - I successfully improved the position of a website in a highly competitive industry.
- Ambitious and hard working, able to work to deadlines following an agile development process, individually or as part of a team.

Knowledge & Skills

Languages

HTML5, CSS3, JavaScript, TypeScript, Node.js, JSON, JQuery, PHP, SASS, SCSS

Frameworks

React, Next JS, Vue, Nuxt JS, Express.

Other skills

SEO, MongoDB, AWS, JWT, Redux, API integration, Axios, WAI-ARIA, WCAG 2.0, FireBase, structured data markup, Webpack, Babel, Markdown, Framer Motion, GSAP, UX principles, Git version control, MySQL, cPanel, React routing, WooCommerce, WordPress theme development, Google Ads, Visual Studio Code, Auto CAD, Pro Engineer, MatLab, fluid dynamics, solid mechanics, thermo dynamics, mechatronics, biomedical engineering, aero-engines, additive manufacturing, product development, modern management, engineering mathematics.

Freelance experience / projects (October 2019 - Present)

EMC2 Property (<https://emc2property.co.uk>)

- Delivered a successful redesign and overhaul utilizing React and Next JS and was responsible for the entire development process.

- Awarded the [Guru of the day](#) for the design and performance.
- Reduced load times substantially by ~88% (6.7s to 0.8s), achieving 94 and 99 /100 on page speed insights for mobile and desktop respectively.
- Refined the UX, producing a minimalistic and simple site navigation and user interface.
- Implemented complete ARIA attributes ensuring WCAG standards were met.
- Successfully integrated my knowledge of SEO which will improve the SERPs for EMC2 Property.
- Achieved consistent page design by converting every article to Markdown, with each one accessible through an API endpoint and mapped to the front end.

Zenelk (<https://zenelk.co.uk>)

- A business/company website through which I advertise my services as a freelance web developer - built with React and Next JS.
- Achieved excellent performance scores. 100/100 on pagespeed insights and 97/100 on GTMetrix.
- Refined the user flow on landing pages by utilizing analytics software such as Hotjar.
- Successfully reduced bounce rates and improved on-page timings from an average of ~25s to ~3minutes by modifying page layouts and content.

Apex Tracker (<https://apex-tracker.netlify.app>)

- A personal project (in progress but usable).
- Successfully developed a React application which utilizes two 3rd party APIs.
- Implemented a simple and intuitive interface - real time server data is automatically loaded and the player tracker takes two simple inputs for ease of use.

CPU LTD (<https://cpultd.co.uk>)

- An older website which I designed, developed and launched from scratch.
- I successfully developed and implemented a custom PHP WordPress theme which has minimal bloat.
- The front-end was completed with pure HTML and CSS.
- This project provided me with an understanding in PHP and the general workings of WordPress hooks.

I have also designed and launched various other personal websites/projects. Currently developing a personal project - a full stack MERN web application with JWT and Redux.

Previous employment

EMC2 Property - Project management & SEO (August 2018 - October 2019)

- Demonstrated my ability in management by overseeing and organising an offshore development company to build the original EMC2 Property website.

- I designed wireframes and website mockups and explored various technology stacks, configured the hosting (cPanel) and successfully deployed the site.
- I established an SEO plan, generated optimized content and revamped the codebase, removing redundant code to boost the website's performance with various pieces of content now in top Google positions, with more continually climbing the ranks.

Makefast LTD - Planning Engineer (September 2017 - July 2018)

- Responsible for supervising and the management of a production line which produced safety equipment for fire and rescue services, along with awnings and biminis for luxury yachts, including Fairline, Princess and Sunseeker.
- Streamlined the production line within a team of four and converted the old stock to production line into a lean JIT (Just In Time) manufacturing process.
- Managed incoming orders, raw materials and outgoing products using industry leading Epicor software.
- Identified bottlenecks through continual analysis of the production line and reported areas of improvement to higher management during weekly meetings.

Deliveroo (2014 - 2016)

Camp Mi-Ti-Na - New Hampshire, USA (2014)

Education

BEng - Bachelor's Degree in Mechanical Engineering and Management - University of Liverpool.

A-levels: Mathematics - A, Physics - A, Engineering - A, Welsh Baccalaureate - A.

11 GCSEs: A*, 5 As, 3 Bs, 2 Cs.

Hobbies / interests

When I'm not developing or designing, I will either be browsing the various web development subReddits or actively searching for new methods, skills or development trends which I can apply to projects.

Completely outside of the work side of things, you will either find me inside on Apex Legends or outside mountain biking - Since a young age I have had a keen interest in downhill mountain biking and find it a great way to clear my mind and keep fit.