

Ryan Marshall BSc (Hons)

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A logical and analytical powerhouse software developer who can quickly integrate with any team, committed to producing work of the highest standards. Built a deep, diverse knowledge of programming paradigms and applied them throughout commercial experience since 2012. Advanced full stack application projects have been completed with technologies such as PHP, Laravel, MySQL, JavaScript and Vue.js. A strong sense of initiative and good work ethic helps reach ambitious deadlines throughout the entire project lifecycle.

Technical Knowledge

OOP PHP, Laravel, CodeIgniter, Yii, WordPress, MySQL, JavaScript, Typescript, Vue.js, Nuxt.js, Node, JQuery, HTML, CSS, SASS, Bootstrap, Tailwind, RESTful API development, SOLID, MVC, TDD, Design Patterns, Code Quality, Apache, Nginx, Linux, Docker, Git, SVN, Git Lab, AWS, Jira, Agile development

Professional Experience

01/2022 - 07/2022 Contract. Senior PHP Engineer at Texthelp

Texthelp, world leaders in Assistive Technology, required a large body of data migrating from Salesforce into their custom CRM databases. A PHP integration suite was created to filter, transform and persist data.

- Thorough automated and manual testing resulted in minimal interference with business activities
- Zero downtime was achieved for the full migration, always keeping systems functional
- Recurring tasks and APIs were utilised to continuously maintain data integrity across all systems

09/2020 - 12/2021 Contract. Senior PHP Developer at Regatta

Regatta, provider of high-quality outdoor clothing. Software development services were provided during a critical period to build their integration platform, seamlessly transferring business data between systems.

- Creating bespoke integrations between Dynamics 365, eCommerce, WMS platforms and over 100 partners
- Upheld 100% test coverage and static analysis while implementing complex business logic
- Developed the most work for the program (over 10%), while refining tickets and providing senior reviews

01/2020 - 09/2020 Contract. Senior Full Stack Developer at Barry Bennett

Barry Bennett, leading supplier of DSA equipment and training. A range of Laravel and Vue.js applications were developed to manage training sessions, invoicing and deliveries, keeping students and trainers up to date.

- Produced multiple Nuxt.js applications, communicating with a centralised API and managed by Laravel backend; Integrated with existing internal infrastructure
- Architected a complex scheduling/delivery system using effective design principles and allocation algorithms
- Quality assurance standards were upheld using unit testing frameworks, static analysis and documentation

04/2019 - 12/2019 Contract. Senior Software Developer at Cudos Systems

Cudos produces market-leading CRM systems in disability support. Consultation and support were provided through a period of growth to develop a PHP CodeIgniter application, adding extensive functionality and fix outstanding bugs.

- Transitioned from lengthy manual deployment processes to automated multi-environment pipelines deploying 16 instances across multiple servers using DevOps techniques
- Performed security audits and implemented secure features: SSO and PGP encryption
- Introduced auditing and project management tools to help meet ISO 9001 requirements
- Re-architected the invoicing system to dynamically handle a range of complex requirements and calculations

07/2018 - 03/2019, Full Stack Developer at ELF Productivity

ELF Productivity produces a portfolio of HR products to track the time and attendance for a diverse range of users. The company website and online support were rebuilt from scratch as standalone Nuxt.js applications with an accompanying Lumen API, conforming to JSON:API specifications.

Implement an agile project lifecycle, so tasks could be planned, tracked, documented and reported on. This created metric-driven user stories, transparent oversight of all projects, evaluated sprints to improve processes and

accountable documentation; all integrating seamlessly with the team's workflow. New version control strategies and code reviews were implemented to improve continuous integration.

The company's web infrastructure was managed by setting up zero-downtime deployments and administering droplets on DigitalOcean. Web-based applications were dockerising for distributable development environments.

09/2017 - 07/2018, Web Developer at Selesti

Selesti is an award-winning digital marketing agency, working with cutting-edge technology and providing value-added marketing services. This role included working with the latest CSS frameworks, configuring and compiling assets with numerous toolchains, integrating applications with various SaaS providers and adding features to several PHP frameworks including Laravel and WordPress, server administration, installing SSL certificates, and creating migration and deployment plans. Communication with design and digital marketing departments was important to integrate new presentation and SEO features for high-profile clients: Hitachi and Pets at Home.

04/2017 - 09/2017, PHP Engineer at Netmatters

Netmatters is a local web development company providing Norfolk with a range of IT solutions. Working in a fast-paced environment, time management was critical while delivering work in parallel to hard deadlines. Worked on several large projects through their entire lifecycle, setting up component-based Laravel projects from scratch, designing BMS tools that integrated with API's and bug fixing.

09/2015 - 04/2017, PHP Software Engineer at eKeeper Group

eKeeper Group produced a range of finance CRM systems for global banks (HSBC, Bank of China), primarily creating industry-leading software for mortgage brokers. The role focused on developing vast PHP, JS, SQL applications and implement new features. Git workflow and Atlassian products were used to manage tasks, as part of a team.

- Designed and implemented system architecture, improving productivity and workflows
- Addressed system-wide security vulnerabilities identified through penetration testing
- Built an intermediaries portal hosting over 10,000 users
- Provided documentation and training sessions for employees

07/2014 - 07/2015, Education Officer at Teesside University Students' Union

TUSU is an award-winning registered charity that is ranked nationally in the top 10% of students' unions. The Education Officers role was to lobby the University, campaign on student issues and represent the student body through various meetings, panels, and strategy development sessions.

- One of four officers democratically elected to lead and represent over 18,000 students
- Analysed the national student survey data of 2500 respondents and produced reports on course satisfaction
- Engaged with over 2000 students face to face, finding key issues to set targets
- Undertook substantial research on key student issues to drive change in the University

Volunteering/Achievements

09/2012 - 05/2013 - President of Teesside Entrepreneurs. We competed in national challenges, most notably coming first in the Student Apprentice and winning the silver Nacue Student Innovation Fund. Set up a student-led start-up t-shirt printing company. Hosted multiple highly anticipated networking events with high-profile speakers.

09/2013 - 05/2014 Chairman of Teesside Snow Sports Club. Organised a successful annual tour abroad and regular social and training sessions. Developed management and communication skills while leading our 50+ members.

Education

09/2010 - 05/2014	Computer Games Programming (2:1)	Teesside University
09/2008 - 05/2010	BTEC IT Practitioners (Triple Distinction)	North West Kent College
09/2007 - 05/2008	4 AS Levels	Gravesend Grammar School
09/2003 - 05/2007	11 GCSEs (A-C)	Thamesview School

Interests/Other

Running, Snowboarding, Hiking, Climbing, Live music. Full UK clean driving licence.