

Nathan Carl Pace

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Personal Profile

- Web developer/programmer with a good knowledge and understanding of current standards.
- Skilled in gathering project requirements, translating business needs into technical solutions, and working as part of a development team throughout the project lifecycle.
- Adept at working with cross-functional and cross-location teams to ensure timely delivery of work, but also comfortable working solo
- Proficient in mentioned web technologies, with a keen interest in improving existing code to enhance system performance.
- Committed to continuous learning and making use of new technologies to drive business success.

Skills/ Software Experience

- Exposure to a range of web technologies:
 - **PHP** (20+ years): PHP4/5/7/8, web and CLI-based, framework experience (Laravel/Lumen/Zend).
 - **SQL** including MySQL and PostgreSQL (15+ years).
 - Basic **AWS** experience (pipelines/S3/Cloudformation).
 - **HTML/XHTML** (10+ years).
 - **JavaScript/jQuery** (5+ years).
- Comfortable working on Mac, Windows, or Linux, also have some basic Linux admin knowledge.
- Knowledge/experience of Apache webserver including mod_rewrite and .htaccess files.
- Knowledge/experience of working with Docker containers for local development.
- Knowledge/experience of Git version control system, both command line and via Github website.
- Knowledge/experience of Agile development methodologies (e.g., daily standups/sprint).
- Knowledge/experience of Atlassian tools such as JIRA and Confluence.
- Knowledge/Experience of usual Office packages e.g., Word/Excel/Powerpoint and Google equivalents.
- Some exposure to NoSQL database systems such as CouchDB and Redis.
- Some exposure to Node.js.
- Currently looking to improve knowledge of Python to further my skillset

Employment History (previous 15 years)

June 2018 - November 2025

Senior Developer

Eleven Software/Airangel

- PHP and database development using both bespoke in-house code and commercial frameworks, working for hospitality/hotel WiFi provider.
- Maintained in-house GPNS (Global Property Network Standards) reporting system for Marriott hotels, and was then involved in porting system from within existing monolith codebase over to new AWS platform for integration with another existing system which was acquired post-merger.
- Responsible for in-house "Dataloom" project (a fork of the above GPNS system) used by Marriott, allowing hotel service providers to import performance metric data via CSV which was processed via Laravel/PgSQL to provide reporting/performance information to a separately maintained front end via RESTful API calls.
- Wrote and maintained various MySQL queries to retrieve weekly/monthly site sign-up data for delivery as a CSV report.
- Involved with implementing "webhooks" for transfer of hotel guest data from in-house system to third party hotel brand providers (Accor/Marriott), matching GHA (Global Hotel Alliance) standards.
- Maintained existing "CaptiveNet" back-office system used in administering hotel guests connected to a hotel's WiFi.
- Made use of AWS deployment tools for code rollouts via in-house developed release system.
- Responsible for documentation of code and processes for users and developers, both in-code and using Confluence
- Adapted to fully remote working across an international team after company merger, with colleagues based in the UK, Europe, and North America.

January 2015 - February 2018

PHP Developer

Digital Design Labs/GG.co.uk

- PHP development with CouchDB/Redis integration, maintaining websites *superscore.mu* and *supertote.mu*.
- Interacting with in-house Totecore (tote betting system) API to access bet data for display in admin portals for Chester and Bangor racecourses, using in-house developed PHP MVC framework and JS.
- Development of web-based prepaid voucher tote betting system for Chester and Bangor racecourses, again interacting with Totecore API and using bespoke framework (developed in conjunction with retail terminal solution).
- Replacing payment integration on Supertote.mu website for account topups.

March 2014 - January 2015

PHP Web Developer

Network649 Ltd

- PHP/MySQL development, rewriting pre-purchased lottery site platform to meet new requirements.
- Improvement and further development/automation of existing results scraper/winnings notification system.
- Interaction with/integration of a number of third-party APIs for payment gateway/ticket buying/email sending.

August 2013 - February 2014

PHP Developer

StanleyBet

- PHP/PostgreSQL development on backoffice reporting/console systems, and integration with front-end websites.
- Javascript programming software for customer betting terminals, integrating with back-office systems.
- Rewriting of existing PostgreSQL queries to streamline and speed up site operations.

February 2013 - May 2013

PHP Software Analyst

Livepoint UK

- PHP/MySQL development using Zend Framework (Version 1).
- Worked on developing and producing client websites from requirement specifications.
- Responsible for projects at all points of the cycle, using Agile development methodologies.

June 2010 - February 2013

Web Developer

Simpson Direct

- PHP/MySQL development, working mainly on back-end integration of websites.
- Developed system to 'scrape' lottery results from lottery websites and store in local database.
- Maintenance of www.europeanlotteryguild.com websites, via bespoke CMS and Wordpress.

More work history (2000-2010) available on request

Education History

1996 – 2000	University of Wales, Aberystwyth.	BSc (Hons) Computer Science with German – 2.1. <i>4-year course including one-year industrial placement; 3 months of placement spent in Germany</i>
1994 – 1996	Winstanley Sixth Form College, Wigan	4 A Level passes
1989 – 1994	Burscough Priory High School	9 GCSE passes including English and Maths

Interests and Hobbies

- I play in two quiz league teams; one "in person" which meets weekly in various pubs throughout Liverpool, and one "online" which is played weekly over Zoom; I am the captain for this team which makes me responsible for organising the team every week and setting up the screen links with the opposing team if we are the "home" team.
- I also run a weekly quiz night in a local pub, which includes producing a picture and music round
- I enjoy playing various board games, both in person and virtually.

References

- Available on request