

# Neil Wilkinson

## Full Stack PHP Developer

With a vast array of experiences within web development, I started out creating websites using a blank text editor with the idea of creating something from nothing, which intrigued me and resulted in a feel-good factor I now seek in all projects! My progression continued through books, tinkering, video tutorials, asking questions, and of course, commercial experience with the wealth of knowledge always available from my peers and mentors! Through this, I feel I have become a very competent developer.

Hopefully the following sections, outlining my experiences, will present an overall picture of me, my skills and experience. If not, please do not hesitate to contact me to ask a question.

To contact me, please send an email to [neil@ntw.org.uk](mailto:neil@ntw.org.uk).

## Skill Set

- ✓ HTML + CSS + Bootstrap
- ✓ JavaScript / jQuery / AJAX / JSON / XML
- ✓ PHP 5 / 7 / 8 - Vanilla and OOP
- ✓ SQL
- ✓ DBeaver / MySQL Workbench / phpMyAdmin
- ✓ Linux CLI
- ✓ Docker
- ✓ VSCode
- ✓ Postman
- ✓ LAMP / NGINX / IIS
- ✓ MVC - Vanilla and Predefined Frameworks
- ✓ API's and Webhooks
- ✓ GIT / GitHub / BitBucket versioning
- ✓ Figma / Excalidraw
- ✓ Wordpress
- ✓ Agile and TDD Methodologies

## Experience

### SB Media Group (Present)

My current role requires various stages of planning and development. For larger projects it is required that an initial Technical Scope is created to outline the requirements of the lead developer, as well as swimlane diagrams to illustrate understanding of the task. Together with regular sprint meetings, the projects are planned and executed as cleanly as possible to create the best possible outcome. A normal day would include such things as:

- Working with a large complex existing codebase spread over multiple git repositories.
- Developing new features, using various versions of PHP according to codebase.
- Debugging and refactoring existing code.
- Develop and use internal and external Webhooks and API's.
- Test code using PHPUnit and Prophecy.
- Version controlling and peer checking via BitBucket.
- Using Slack as an effective communication tool.
- Using ClickUp to organise and manage sprints, meetings, general tasks and more.
- Managing vast amounts of data in multiple SQL databases via multiple connections.
- Document solutions and procedures for knowledge sharing.

## Edit Websites Limited (2021 - 2022)

During my time at Edit (unfortunately cut short due to unforeseen company circumstances) I contributed to the SaaS software offered to Churches and Charities. I was mainly involved in developing additional functionality to an existing codebase built on the Codeigniter Framework. A normal day here would include such things as:

- Implementing legacy code updates using Codeigniter 3.
- Developing new features, using Object Oriented PHP.
- Refactoring code where needed.
- Version controlling and peer checking via GitHub.
- Following specifications and company coding standards exactly.
- Managing local and live data held in multiple SQL databases.

## Geotechnics Limited (2017 - 2021)

My time at Geotechnics started in 2005. I started off as the Senior CAD Technician and left my coding hobby at home. Over time my web development knowledge became apparent and was useful for such projects as creating in-house knowledge-bases and various websites. It was in 2016/2017 that the company decided to re-write the core application used by the entire company for everything from lab data to purchase invoicing. Myself and the IT Manager took on the project as co-developers to migrate the existing FoxPro application to a PHP based web application. From installing the server OS's to designing the application front to back; we oversaw the whole project between us. One to be proud of!

A brief overview of my experience, contributions and general involvement is briefly listed here:

- In-house database application built using OOP with PHP 7 at the core.
- Created and implemented a custom PHP MVC Framework for re-development of application.
- Management of data using MySQL and PHP.
- In-house Knowledge Base applications also built using PHP, HTML, CSS, JavaScript, MySQL.
- Collaborated on design and structure of the application from concept.
- Responsible for the front-end design and creation of application user interface.
- Responsible for back-end design.
- Responsible for development, backup and live server's setup and maintenance.
- Integrate third party API's.
- Co-managed overall project from concept.

## Me

I'm an enthusiastic, creative and practical developer with a can-do attitude with good communication skills. Although I am always trying to learn more, I also enjoy helping others and sharing what knowledge I have to help progress the team as well as myself. I am comfortable working within a team and/or on my own. My earlier years with Geotechnics taught me the art of prioritising workload. I feel I am able to make a real contribution to developments requiring clean reusable code following strict coding standards.