CV of Peter Fisher BSc MBCS

Full Stack Web Developer (Freelance/Contractor), author and host of the [HowToCodeWell (https://www.youtube.com/howtocodewell)](https://www.youtube.com/howtocodewell) YouTube channel and [podcast (https://howtocodewell.net)](https://howtocodewell.net)

Future objectives

- To become a PHP Certified Engineer
- Speak more at conferences and user groups
- To continue learning other web based languages and software design principles
- Write a book based on programming

Skills and assets

- A passion for testing, good practice and clean code
- Experience with submitting and reviewing pull requests, code reviews and using deployment pipelines
- Experience with PHP frameworks such as Symfony, Laravel, Zend, Lumen, Silex, Magento, WordPress and Drupal
- Experience with data storage and queueing systems such as MySQL, Postgres, DynamoDB, MongoDB, CouchDB, SQLite, RabbitMQ and SQS
- Experience with PHP build and testing tools such as Composer, PHPStan, Codeception and PHPUnit
- Experience in client sided (Web/Mobile app) frameworks and languages such as Vanilla JavaScript, NodeJs, React, Gatsby, VueJS, jQuery, AlloyJS, Titanium, BootStrap and TailwindCSS
- Experience with Python frameworks such as Flask, Django and MicroPython
- Experience with devops tools including Docker, Linux, Jenkins, AWS, Travis, Netlify, k6 and k8
- Experience with source control systems such as Git, and SVN
- Over a decade of professional web development experience (Two decades including study of the field)
- Teacher to online students (HowToCodeWell YouTube Channel)

Work history

2022 | Full Stack Contractor

Full stack contractor working on large scale ecommerce websites using Symfony, Concrete 5, Elastic search, AWS, Docker and jQuery

2021 | Contractor at Hargreaves Lansdown

[Hargreaves Lansdown (https://www.hl.co.uk/)](https://www.hl.co.uk/)

PHP, JavaScript, CSS Contractor working on the HL systems. Using Sass, Gulp, Silex, Symfony, Codeception, Pimple and jQuery.

2020 - 2021 | Contractor at Rawnet

[Rawnet (https://www.rawnet.com)](https://www.rawnet.com)

PHP Contractor working on the [Hornby Hobbies E-Commerce websites (https://uk.hornby.com)](https://uk.hornby.com) using Concrete 5, Symfony, Doctrine, Elastic Search, Docker, AWS, Magento and jQuery.

2019 - 2020 | Contractor at Torpedo Group

PHP Contractor and consultant working on legacy PHP projects using VueJS, Doctrine, Silex, WordPress, Symfony and Drupal.

2019 - 2020 | Contractor at Planet Wide City

[Planet Wide City (https://www.planetwidecity.com)](https://www.planetwidecity.com)

PHP Contractor and consultant working on legacy PHP projects using Magento, jQuery Docker, Linux and VueJS.
The role has been a mix of working on Magento shops, VueJS based content management systems and custom PHP API's

2018 - 2022 | How To Code Well

Building the [How To Code Well (https://howotocodewell.net)](https://howotocodewell.net) community sites using Symfony, AWS, Kubernetes, Docker, K6, GatsbyJS and React, Cypress, Jest

2016 - 2019 | Contractor at The E Cancer Global Foundation

[Ecancer.org (http://www.ecancer.org)](http://www.ecancer.org)

PHP Contractor, programming teacher, Software architect

Architecting and developing a full rebuild of the e-cancer web platform including a CMS, API, website and e-learning system

The legacy platform was over 14 years old and running PHP 5.5. It was my job to upgrade this monolithic system to PHP 7.2 on a new AWS infrastructure. This also included a new frontend and API layer

During this time I was also building micro sites for the cancer research industry.

I also developed Docker images that were used to build local, test and production environments.

I also held classes that teach HTML to the marketing and e-learning departments.

Daily technology used: PHP (Symfony, Laravel, Concrete5, WordPress, Codeception, PHPUnit), MYSQL, AWS (Aurora, SQS, Lambda, EC2), Micro Services, Docker, Linux, JavaScript (jQuery, NodeJS, Vanilla), CSS and HTML

2017 - 2018 | Contractor at FS4S (Financial Services For Schools)

[FS4S (http://www.fs4s.co.uk)](http://www.fs4s.co.uk)

Building the frontend website in Wordpress and working along side designers.

2016 - 2018 | Contractor at Kloc Digital Solutions

[Kloc Digital Solutions (https://kloc.co.uk)](https://kloc.co.uk)

Building a mobile app, API and CMS for Above the Line Security which is used in connection with Disney, Pixar and other media companies. Helped build the CMS and API in Laravel. The mobile app was developed using in JavaScript (AlloyJS) and complied down to native Android and iPhone builds.

Daily technology used: PHP (Laravel), JavaScript (Appcelerator, AlloyJS), Android, iOS
Android App is on the playstore (https://play.google.com/store/apps/details?id=uk.co.kloc.abovetheline)

2016 - 2017 | Contractor at Agrantec

Agrantec (https://agrantec.com)

Building mobile apps in Javascript for use on Android and iPhone devices.

Helping the web team upgrade projects to Symfony 3

Daily technology used: JavaScript (AlloyJs) and PHP (Symfony)
Android apps that I helped build can be found on the Google Play store (https://play.google.com/store/apps/developer?id=Agrantec+Ltd)

2012 - 2016 | Senior PHP Developer at Agrantec

Remote Position. Self motivated working at home but within a remote team. Using Slack, Skype, Jira, Trello and Google Hangouts as collaboration tools.
Mobile Development using Appcelerator

Building Food Traceability systems using DynamoDB, AWS, Linux, Javascript and PHP (Symfony 2 and composer)

Built sortedfood.com (http://sortedfood.com) (Both frontend and API)

2010 - 2012 | Senior PHP Developer at Fasthosts

Fasthosts (https://www.fasthosts.co.uk)

Writing Technical specifications and conducting project analysis for control panel development.

Acting as project lead for small to medium sized projects. Being a lesion for other departments such as the User Interface team and Quality Assurance team.

Daily technology used: PHP (Zend) and JavaScript (jQuery)

2008 - 2010 | Web Applications Developer at Redder

Redder (https://redder.space)

Lead programmer working with freelancers and other developers to create a video upload and private/public voting sites.

Helped organise freelancers to meet tight deadlines.

Using FFMPEG on a Centos/Plesk server to encode many different video formats to flv. Automated the validation of each video including duration and file size checks.

Migrated Redder CMS from CakePHP to Symfony

2007 - 2008 | Junior Developer at Redder

[Redder (https://redder.space)](https://redder.space)

Building micro sites and e commerce web systems

Daily technology used: PHP (CakePHP and Custom framework) and JavaScript (jQuery)

Education

Date	Course/Institute	Status
2020	PHP ZCE (Zend Certified Engineer)	On Going Study
2020	LPIC-1 (Linux Professional Certification)	On Going Study
2011	CEH (Certified Ethical Hacker)	Passed Training Days
2010	7 Safe Ethical Hacking	Passed
2009	Well House Consultants The MySQL Relation Database	Passed
2009	Well House Consultants Object Oriented Programming (OOP) in PHP	Passed
2005 - 2007	University of Gloucestershire BSc in Ecommerce and Multimedia	Passed
2002 - 2004	Bath Spa University HND Business Information Technology	Passed
2000 - 2002	Chippenham College HNC Information Communication Technology	Passed

Publications

Talks I have given at PHP South West

- [Using a framework or Not (https://youtu.be/T8R3YTrqt6U)](https://youtu.be/T8R3YTrqt6U) - Given at PHP South West, PHP South Wales
- [How to put your Docker image on a diet (https://youtu.be/uiABt9axPNo)](https://youtu.be/uiABt9axPNo) - Given at PHP South West
- [Software Complexities (https://youtu.be/ZQ6AkyvEaHE)](https://youtu.be/ZQ6AkyvEaHE) - Given at PHP South West

Video course instructor

I have created video courses for Manning Publications and Packt Publishing

Manning Publications

- [Docker In Motion (http://bit.ly/2vvz2sA)](http://bit.ly/2vvz2sA)

Packt Publications

- [Python Clean Coding (https://www.packtpub.com/programming/python-clean-coding-video)](https://www.packtpub.com/programming/python-clean-coding-video)

Podcast host at How To Code Well

Interviewing web developers and industry leaders on a [video and audio podcast (https://howtocodewell.fm)](https://howtocodewell.fm)

Hobby's and interests

- Running, cycling and weight lifting
- Speaking at PHP user groups
- Mentoring and teaching others

Contact

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