

# 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.fm) (<https://howtocodewell.fm>)

## Future objectives

- To continue learning other web based languages and software design principles
- Speak at conferences
- Write a book based on programming

## Skills and assets

- A passion for testing, good practice and clean code
- 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 and Jenkins
- Experience with source control systems such as Git, and SVN
- Over a decade of professional web development experience (Almost 2 decades including study of the field)
- Teacher to online students (HowToCodeWell YouTube Channel)

## Work history

### 2019 – 2020 | Torpedo Group

PHP Contractor and consultant working on legacy PHP projects using VueJS, Doctrine, Silex 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 content management systems and custom APIs

## 2018 – 2020 | How To Code Well

Building the How To Code Well community sites using Symfony, GatsbyJS and React components  
React and Gatsby Components can be found on [NPM](https://www.npmjs.com/org/howtocodewell)  
(<https://www.npmjs.com/org/howtocodewell>)

## 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) (<https://play.google.com/store/apps/details?id=uk.co.kloc.abovetheline>)

## 2016 – 2017 | Contractor at Agrantec

[Agrantec](https://agrantec.com) (<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)  
(<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) (<http://sortedfood.com>) (Both frontend and API)

## 2010 – 2012 | Senior PHP Developer at Fasthosts

[Fasthosts](https://www.fasthosts.co.uk) (<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 liaison 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) (<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
2011	CEH (Certified Ethical Hacker) – Self Study
2011	LPIC-1 (Linux Professional Certification) – Self Study
2010	7 Safe Ethical Hacking
2009	Well House Consultants The MySQL Relation Database

2009 Well House Consultants OOP PHP  
2005 – 2007 University of Gloucestershire BSc in Ecommerce and Multimedia  
2002 – 2004 Bath Spa University HND Business Information Technology  
2000 – 2002 Chippenham College HNC Information Communication Technology

## 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

- [Hands-on Microservices in Python \(https://www.packtpub.com/application-development/hands-microservices-python-video\)](https://www.packtpub.com/application-development/hands-microservices-python-video)
- [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

- Web: [peterfisher.me.uk \(peterfisher.me.uk\)](http://peterfisher.me.uk)
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- GitHub: [pfwd \(http://github.com/pfwd\)](http://github.com/pfwd)