



CAREER PROFILE

I have been working as a developer for 20 years. I started as a C developer and did that for more than 10 years. I then realised my future as a C developer was limited to legacy code. So I decided to move into Web Development and got a CoHE in Web Design Technologies, just to make sure I got the basics right.

During my almost 8 years as a Web Developer I learned a lot, about coding standards, Design Patterns, DRY and SOLID, agile and scrum, DB optimisation, UI and UX, TDD and BDD, and much more.

I'm passionate about writing clean, clear, documented, testable (and tested) code. I particularly enjoy refactoring legacy code. It's quite satisfactory to see the transformation of a set of unstructured and tangled code into a beautifully clean and well-organised collection of code.

I also like mentoring more junior developers. It's very gratifying to help someone to become a better developer.



EXPERIENCES

Applications Developer
Shopworks, London

October 2018 - present

Lead Backend Developer
London Review of Books, London

April 2017 - August 2018

I was hired to lead a team of developers (initially just me and a front-end developer) for a digital transformation project. Although that prospect did not materialise, in that capacity, I:

- worked on rewriting the website using Laravel 5.5, gathering requirements, writing tests and code, preparing for demos, etc.
- setup CI and CD, using GitLab and Envoyer
- built RESTful APIs to support a SPA
- supported the front-end developer
- setup a development site in AWS

Backend Developer
Your Favourite Story, London

January 2017 - March 2017

In my short experience at YFS, I built RESTful API using Lumen 5.2 to upload files to a 3rd-party file server and to support a users kiosk to be put up in some of the client's shops.



Giulio Troccoli-Allard

Senior Backend Developer



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EDUCATION

Certificate of Higher Education in Web Design Technologies

Birkbeck
2010

MSc in Computer Science

Università degli Studi di Udine (Italy)
1998

LANGUAGES

Italian (native)

English (fluent)

Spanish (intermediate)

Japanese (beginners)

Web Developer
City A.M., London

January 2016 - December 2016

I was part of a small but tight web team (three developers and one designer). The web team was mainly responsible for the in-house CMS and the website. During my time here I:

- oversaw the upgrading of the site and the CMS from Laravel 4.2 to Laravel 5.2
- worked alongside the designer to rebrand the site
- built a new API server in Lumen 5.2 to power some part of the site (we were working to refactor some heavily used pages to SPA)

My daily work involved using GIT for branching and merging and Jira for tickets and general development cycle.

PHP Developer
Mediatel, London

January 2011 - October 2016

At Mediatel I was involved in designing and implementing a data loading process from different providers. The loader used an XML configuration file to define what, and sometime how, to import. I was also responsible for the development of their new Events website. This involved building both the back-end, using Zend Framework 1, PHP and MySQL, and the front-end, using JavaScript and jQuery. I also implemented a payment facility, using PayPal APIs. As the sole member of the team involved in this project, I:

- gathered business requirements and turned them into technical requirements
- organised meetings with the stakeholders to keep them informed
- conducted demos to make sure the product was meeting the stakeholders' expectations
- provided support and training on how to use the new admin side of the site.

I was also involved in the development of a mapping feature in our core product using PostGIS, TinyOWS, Mapnik and React.

Finally, during my last couple of years at Mediatel, I mentored a Junior Developer on Mediatel products, our coding standards, Zend Framework and general OOPHP.

Technical Consultant
Linedata Services (UK) Ltd, London

August 2006 - December 2010

- Developed a framework of Perl scripts and classes to help Subversion administrators and users
- Provided internal and external technical support
- Managed the migration from CMS on OpenVMS to Subversion on Linux

Analyst Programmer
Linedata Services (UK) Ltd, London

March 2001 - August 2006

- Added new functionality and scripts to help developers and tester in using subversion
- Co-managed, designed and developed the Subversion system, a Control Management System, for few of our products
- Improved the development process on Unix platforms with scripts (written in ksh and using awk and sed) for developers
- Developed a new connector to retrieve market data from specific vendors

INTERESTS

Volunteering

Volleyball

Cooking

- Designed a new functionality to import financial data from an external source via XML. The XML document was written against a XML Schema
- Developed for a real time back office investment management, administration, portfolio valuation and investment reporting solution. The product is platform-independent, with only a small kernel developed for a specific environment

Analyst Programmer

June 1998 - November 2000

S.T. – Sistemi Telematici, Palmanova (Italy)

- Coordinated a group of 5 programmers in a redesigning project. The code was written in C and COBOL, with embedded SQL. All the procedures ran on a Unix machine with Informix
- Developed, upgraded and managed applications to administrate vehicular traffic for a motorway company. The procedures were written in C with embedded SQL, and ran on a AIX machine with IBM Universal Database
- Developed software for a business firm. All coded in COBOL with Embedded SQL. All procedures ran on a Unix-like machine in a Task Manager environment (CICS)



PROJECTS

Most of my work has been done when working and is therefore copyrighted. Here are the few examples of projects I am working on or have contributed to

London Volleyball Association - An attempt to write a more modern site for the LVA League Admins, in Laravel 5.5

iCal - A fork of the original markuspoerschke/iCal repo, to which I contributed.



SKILLS & PROFICIENCY

PHP	<div></div>
Javascript & jQuery	<div></div>
MySql	<div></div>
Laravel	<div></div>

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