

Pete Graham CV

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Personal Statement

I'm a deep generalist, I strive to be good at many things and great at a few. My deepest area of expertise is software development. My go to language is Python, however I believe in continually learning, to bring a fresh perspective and enthusiasm to work. I'm currently very interested in ecommerce and test-driven development.

Whilst I enjoy learning new technologies I take a pragmatic approach and choose the right tool for the job. I understand sometimes the most technically sophisticated solution is not the best. For me the most satisfying part of my work is creating software and systems which are genuinely useful.

I have experience growing and leading teams. My unique combination of skills, lets me continually deliver results.

Work Experience

Lead Developer - Live Better With, June 2016 - Present

E-commerce site for helping people living with long term illness.

Key achievements:

- International conversion of site, now offers delivery to over 20 countries and automatic conversion of currencies using <https://openexchangerates.org/>
- Oversaw integration with external warehouse and worked with ops team to transition both technical and business processes
- Integration with Facebook Ads, Google Shopping and Mailchimp which greatly boosted sales
- SEO optimization and major speed-up for all key pages on site
- Built and ran technical team, promoting best practices

Technologies: Django Oscar, Postgres, React, RQ, Elastic Search, AWS

Software Developer/Director - Floating Point Ltd, July 2015 - June 2016

Freelance software development focussing on Python and software architecture contracts.

Key projects:

- **DMC:** TV splicing and scheduling software interfacing Python with C/C++. Included asynchronous system to make sure notifications wouldn't bottleneck. Project done with <http://www.artistsandengineers.co.uk/>
- **Huq:** Worked to get the initial version of Huq's data analytics platform ready for customer use. <http://huq.io/>

Co-Founder & Software Developer - Lost Property, August 2013 - July 2015

Co-founded company with the goal of providing great engineering skills to startups, agencies and businesses.

Key projects:

- **Warblr**: an app which can recognise bird species from audio recordings. We worked with Queen Mary's College who had created the audio classifier using Machine Learning techniques. My role included everything from the initial UI prototypes and iOS app development, through to building an API around the classifier code and provisioning servers for it to run on.
<https://itunes.apple.com/gb/app/warblr/id1013921979>
- **Unilever All Things Hair Platform**: used to power Unilever's custom YouTube channels in 16 markets. Provided the API for Unilever's in-store hair care tablet apps. Included the build of a custom admin system to match Unilever's business requirements. <https://www.allthingshair.com>
- **Sainsbury's Food Rescue**: website to stop food wastage for Sainsbury's and Google. Built the search which returned relevant recipe suggestions based on the user's input ingredients. Data cleaning was required to import Sainsbury's products and recipes. CMS created to match products to recipes, and match user search inputs to Sainsbury's products. <https://www.sainsburysfoodrescue.co.uk>

More projects on <http://lostpropertyhq.com/work.html>

Freelance Developer/Director - PXG Ltd, September 2012 - August 2013

Freelance software development focussing on Python contracts. Included six months working for Rockabox, where I worked as part of an Agile team developing their Frames and RBX products, along with extensive work on their server infrastructure using AWS and Chef.

Technical Lead - Pirata London, May 2010 - September 2012

As Technical Lead I managed the development team promoting best practices, refining developer workflows and processes. Provided technical scoping for projects including systems architecture and server infrastructure.

Key projects:

- **McLaren.com**: website for McLaren Formula 1 team, included real-time car telemetry and statistics during Grand Prix races.
- **TeamGB.com**: Official British Olympic Association website for London 2012.

Senior Developer - Sunday Publishing, December 2009 - May 2010

My role involved working closely with the digital team to deliver large build CMS websites. Included planning of phased project delivery with Project Manager.

Key project:

- **WW2 History Media:** Award winning World War 2 site built for Historian and former Head of History at the BBC Laurence Rees.

Senior Interactive Developer - unit9, May 2007 - December 2010

Lead programmer on server side projects. Management and mentoring of junior developers. Worked with development team to achieve pragmatic set of best practices and to expand developer knowledge base. Role included building of custom tools for scripted publishing and maintenance of custom company development environment.

Software Developer, August 2006 - May 2007

Development of start-up social networking website with user collaboration tools.

Software Developer, August 2004 - August 2006

Development of College Intranet and Virtual Learning Environment. Included business support tools for Student Services department.

Technical Skills

Server side development: Python, PostgreSQL, MongoDB
App development: Swift, Objective-C
Server Admin: AWS, Ansible
Frontend web development: Javascript, HTML, CSS

Education

2001 - 2004 BSc (Hons) in Computer Science. School of Computer Science and IT
University of Nottingham, Nottingham NG7 2RD

1999 - 2001 William Brookes School Sixth Form. Farley Road, Much Wenlock, Shropshire
TF13 6NB

1994 - 1999 William Brookes School. Farley Road, Much Wenlock, Shropshire TF13 6NB

Academic Qualifications

- 2.1 BSc (Hons) Computer Science
- A Levels in Maths, Designs & Technology, Physics
- 10 GCSEs

References

Available on request.