

A driven and accomplished technical director / senior developer with exacting standards and a solid track record in developing and delivering complex digital solutions.

Passionate about hands-on development, mentoring team members and developing digital strategies. The ability to work closely alongside all members of a team, from clients and client services through to creative studios and development teams.

Keeping up-to-date with innovation and best-practice, I am most proficient in a position where I can lead the requirements analysis, architecture, development and launch.

## TECHNICAL DIRECTOR

Social You  
Winchester  
August 2014 — Present

- Day-to-day coordination and management of the full project life-cycle from requirements analysis to design and implementation.
  - Production of detailed project documentation, statements of work, technical and functional specifications including backlog generation and refinement.
  - Sourcing and reviewing freelancers, mentoring and monitoring, encouraging creativity and innovation, and promoting relationships between disciplines.
  - Promoting the agency, new-business and building client relationships, educating clients on technical feasibility, best-fit technologies and execution.
  - Leading all parties in an Agile environment, refining workflows and ensuring a thorough hands-on understanding of technology platforms and frameworks.
  - Resource management and capacity planning, technical project management, conflict, change and scope management.
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## SENIOR DEVELOPER

Ordnance Survey  
Contract  
Southampton  
May 2013 — August 2014

- Architected and developed a suite of high-traffic, high-redundancy Symfony2 based applications guiding product owners and the team on technical approaches.
  - Defined and developed workflows, automated packaging and deployment processes, refining them around configuration management systems used elsewhere in the business.
  - Organised and refactored existing codebases whilst enforcing quality control, reporting and logging for builds.
  - Mentored trainees through Zend certification along with advising on best practices across a range of AJAX, PHP, Mapping and API implementations.
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## HEAD OF DEVELOPMENT

Vanilla Storm  
Contract  
Manchester  
February 2013 — April 2013

- Reviewed and advised on all aspects of workflow, development processes, account management and change management implementing a version control setup and feature branching strategy.
  - Architected and implemented automated deployments to new staging, develop and feature branching environments for review and sign-off.
  - Mentored all members of the team on best practice, approaches and new business.
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## LEAD DEVELOPER

Marmalade on Toast  
Contract  
Winchester  
June 2011 — January 2013

- Lead the scoping and architecture of a distributed high-traffic, high-data e-commerce platform, improving and promoting software definition best practices.
- Guided the development of a 2 way REST based API including authentication, caching and integration with several additional 3rd party APIs.
- Liaised with all contributors to the project, including clients, from conception and requirements analysis through to testing and launch.
- Consulted on the development and integration of solutions for speculative work across a range of requirements including content-managed and e-commerce systems.
- Reviewed and gave recommendation on the technical direction of the agency from detailing current and future technologies to potential applicants to the business.

## SENIOR DEVELOPER

Five By Five Digital  
Contract  
Southampton  
June 2009 — December 2010

- Led the development of several substantial CakePHP applications, refining versioning and repository processes, enforcing project life-cycle and Agile processes.
  - Architected and implemented numerous integrations with Payment Gateways, 3D-Secure and Web Services over OAuth.
  - Educated client facing members of the business about best practices for web application development including documentation, maintenance and testing.
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## LEAD DEVELOPER

Lawton Communications Group  
Southampton  
October 2006 — November 2008

- Developed a range of digital projects from email campaigns to content managed sites, bespoke applications and SOAP based interfaces to 3rd parties.
  - Led a team of developers through architecture to launch of large scale CMS managed CakePHP sites within tight time constraints.
  - Improved and implemented project life-cycle and scoping processes to ensure projects were executed as smoothly as possible.
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## WEB DEVELOPER

Kenneth Mason Publications  
Contract  
Chichester  
June 2005 — October 2006

- Contracted to supply digital consultancy services implementing several smaller projects designed and developed to strict standards and integrating with PHP and .NET systems.
  - Led the development of a mobile application for the dynamic retrieval of live weather information over HTTP, including a PHP based system and highly optimised database for the storage of a substantial amount of data.
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## FREELANCE WEB DEVELOPER

June 2003 — July 2014

- On-going part-time freelance projects based around digital solutions, utilising my knowledge of web-based technologies, consultancy and business skills.
  - Directly managing client accounts to produce bespoke solutions from small websites to CMS and e-commerce solutions.
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## WIMBLEDON CHAMPIONSHIPS

IBM UK/All England Lawn Tennis Club  
London  
June 2004 — July 2004

- Developed the Wimbledon Information System intranet for the display of archived and realtime information during the championships along with a pre-tournament roll-out of a new Linux & IBM DB2 solution used to support it.
  - Developed and implemented a solution for streaming live video from the courts to the WIS and Pocket Wimbledon (a PDA version of the WIS).
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## AMS TECHNICAL COC TEAM

IBM UK  
Portsmouth  
September 2001 — September 2004

- Technical CoC Team supporting the AMS Delivery Centres across the UK developing the application infrastructure using IBM WebSphere, DB2, TSM and Rational ClearCase.
  - Developed and refined Lotus Notes databases, adhering to strict processes, protocols and security guidelines.
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## SKILLSET

- HTML and CSS (Compass/Sass)
- PHP (5+), ORM, Composer
- MySQL, PostgreSQL, SQL
- Javascript (Native, jQuery, React.js)
- W3C, WAI and Best Practice
- SOAP and REST
- XML and XSLT
- CakePHP, Symfony, Yii, Slim
- Web Application/Site Architecture
- Object Orientation Principles and MVC Design Patterns
- User Experience and Information Architecture
- Adobe Creative Suite
- Technical Project Management
- Requirements Analysis & System Design
- Waterfall and Agile/Scrum Methodologies
- GIT and SVN Version Control Systems
- Linux System Administration and Bash Scripting
- Apache and IBM HTTP Server
- Network Protocols/Topologies
- AWS and Cloud Platforms
- LAMP Environments
- Release management

## BSC (HONS) COMPUTER SCIENCE (INTEGRATED WITH IBM UK)

University of Portsmouth  
September 2001 — September 2004  
2 : 1 Classification

Java, OS & Computer Architecture, Theoretical Computer Science, OO Design & Analysis, Web Server Configuration & Management, Computer Graphics, Open Distributed Systems, Software Measurement & Testing.