

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.