



JAY BALDWIN

SOFTWARE DEVELOPER AND TECHNICAL MANAGER

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PERSONAL STATEMENT

An accomplished and experienced software developer with extensive knowledge of all layers of the development stack having fulfilled a number of software projects. Responsible for overseeing the full development life cycle from conception through to support and maintenance post-release. Proven track record of successfully operating as part of an AGILE development team using RAD principles to produce high-quality products whilst meeting deadlines and ensuring client satisfaction. Possessing a wide technical knowledge with experience in client-side, backend, database, web, network, infrastructure and server development, implementation and maintenance. Consistently delivering high-quality, reliable products through utilisation of leadership and project management skills. Eager to face a new challenge in a fast-paced technical environment.

PROFESSIONAL EXPERIENCE

2012 - CURRENT Technical Manager & Software Developer, Babblevoice Ltd.

Babblevoice has provided a wealth of personal support from apprenticeship through to a First-Class Honours Degree. The experience gained covered a variety of languages and technologies including Python, C++, LUA, C#, JavaScript, PHP, HTML, CSS, JSON, XML MySQL, SIP, RTP, Linux, Windows Server and Nginx.

Core Responsibilities

- Leading development projects over the entire development life-cycle with over 2500 businesses and NHS surgeries as clients.
- Implementation of AGILE and RAD methodologies improving product delivery and client satisfaction.
- Developing backend logic alongside designing and implementing frontend client interfaces.
- Integrating products with various third-party solutions including NHS clinical systems.
- Reporting to and communicating directly with technical and commercial directors.
- Managing the South-West office including a technical team, staff training and development.
- Managing the fleet of Babblevoice servers, delivering a reliable service.
- Maintaining and improving network infrastructures both internally and for client setups.
- Effective inter-departmental communication ensuring high-quality product delivery.
- Researching new technologies for continual product development.

2016 - CURRENT Web Developer, Hawthorn Pet Supplies

A part time position, solely creating an online presence for a local family business. The toolset and frameworks had been agreed to mitigate the impact of the limited time available for the project. The skills required for project delivery include PHP, Wordpress, HTML, Javascript, CSS, Linux Server administration and Apache.

Core Responsibilities

- Design and implementation of a Wordpress installation to customer specification.
- Continued support, improvement and updating of content and software.
- Adapting plugins and software packages to meet changing client requirements.
- Self-management and total ownership over project delivery

EDUCATION

2016 - 2017 **University Of Worcester, Bachelor Of Science With Honours In Computing - First Class**

Undertaken whilst employed in two technical positions. Completion of the course was a challenge, overcome with great success resulting in a first class degree.

The content of the course included :

- **E-Business** - heavily business driven, investigating the profitability and commercial aspects of the products created during the module.
- **Advanced Web Applications** - a deep dive into PHP and Javascript frameworks with server management and MYSQL. During this unit a web-based live chat application was produced.
- **Mobile Application Development** - focused on principles of mobile development including interface restrictions. For this module an Apple Watch application, using Swift and WatchKit, was produced.
- **Dissertation** - entitled "Investigation Into the Accuracy of Speech Recognition Solutions With a Focus on the Healthcare Industry". As fascinating and fast-growing topics in current technology, voice recognition systems and artificial intelligence assistants were chosen for investigation. There was also a strong business case identified for potential use in the healthcare industry.

2014 - 2016 **Herefordshire & Ludlow College, BTEC Higher National Diploma In Computing and Systems Development**

A wide ranging course covering many aspects of the IT industry. It included units on Object Orientated Programming, Procedural Programming, Distributed Software Applications, Web Application Development, Website Design, Routing Concepts, Computer Games Design, Virtualisation, Data Analysis and Design.

2014 **SSCA, SIP Certification**

2012 - 2014 **Herefordshire & Ludlow College, BTEC Level 3 Subsidiary Diploma In IT**

2012 - 2014 **Herefordshire & Ludlow College, Edexcel BTEC Level 3 In Professional Competence, IT And Telecoms Professionals (QCF)**

2010 - 2012 **Gloucestershire College, BTEC Level 3 Extended Diploma in Interactive Games Design**

2005 - 2010 **Dene Magna Secondary School, 11 GCSEs Including Maths and English**

KEY SKILLS

Languages - Python, LUA, C++, Javascript, PHP, HTML, CSS, C#, Swift, Objective-C

Technologies - Nginx, Apache, MySQL, FreeSwitch, Asterisk, Wordpress, iOS, watchOS, macOS, Windows, Linux (Debian, CentOS, Ubuntu), AWS, .NET.

Networking - SIP, RTP, TCP/IP, UDP, HTTP(S), SNMP, SMTP, Firewalls, Routing.

Development Tools - Atom, Visual Studio, Eclipse, Wireshark, Vi, MySQLWorkbench

REFERENCES AVAILABLE ON REQUEST