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## Summary

<sup>35</sup><sub>17</sub> Computer Science B.Sc. Honors Degree, University of Leeds, United Kingdom.

<sup>35</sup><sub>17</sub> Over 25 years industry experience.

<sup>35</sup><sub>17</sub> Experienced Developer, Team Leader and Project Manager in Internet Web Development, E-Commerce, Search Systems, eLearning Systems, GUIs, Speech Processing, Expert Systems, telecommunications, finance and manufacturing industries, using industry standard Object Orientated programming languages.

<sup>35</sup><sub>17</sub> Sun Certified Programmer for the JAVA™ 2 Platform, Microsoft Certified and Visual Basic Certified.

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## Software / Hardware

<sup>35</sup><sub>17</sub> PHP, HTML, DHTML, JavaScript, AJAX, XML, C#, .NET, ASP, Java, JSP, Struts, J2EE, VBScript, Flash MX, ActionScript, UML, Json, Visual Basic, VBA, COM, OLE, Delphi, C++, C.

<sup>35</sup><sub>17</sub> NetBeans IDE, Sublime, Adobe Flash CS4, Dreamweaver MX, Eclipse, Course Builder, Vignette, BroadVision, J2SDK, JavaDocs, Ant, JUnit, Forte, Emacs, VI, iPlanet, Apache2, Tomcat, IIS, ColdFusion, MS Project, SubVersion, TortoiseSVN, CVS, Source Safe.

<sup>35</sup><sub>17</sub> MySQL, SQL Server, Oracle, PostgreSQL, MS Access.

<sup>35</sup><sub>17</sub> Windows 7, Vista, XP, 2000, NT, Solaris, Linux, HP-UX, VAX/VMS.

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## Contact

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## Experience

**April 2014 – Current:** TransUnion, Florida

*Senior PHP Developer*

**Projects:** Gatekeeper, TLOxp, GKForce

**Software:** PHP, JavaScript, DHTML, CSS, Ajax, JQuery, MySQL, Linux.

<sup>35</sup><sub>17</sub> Developed PHP based Web Applications using Zend Frameworks, with NetBeans IDE on Windows Desktops, Subversion code control and FTP to LAMP stacks on Ubuntu 10.04 and 14.04 Virtual Servers.

<sup>35</sup><sub>17</sub> Small development teams using Agile methodology, with 2-week Sprints finishing with release to production sites. Utilized Jira & Crucible for Backlog, work assignments, progress and management.

<sup>35</sup><sub>17</sub> Maintained PHP websites based on the Zend MVC Framework 1 & 2, using MemCache and interfacing with CyberSource payment system, and various 3<sup>rd</sup> party data systems.

<sup>35</sup><sub>17</sub> Designed, built and released GKForce as an integration between Gatekeeper and Salesforce, using Zend Framework 2, Web Services, XML and Sales Force SOAP API, in a Request, Queue and Service type PHP Application.

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**September 2013 – January 2014:** QInteractive, Florida

*Senior PHP Developer*

**Projects:** In-house CP Websites, G2 Registrations, AQ Processing

**Software:** PHP, JavaScript, DHTML, CSS, Ajax, JQuery, MySQL, Linux.

<sup>35</sup><sub>17</sub> Used LAMP development environments, with PHP and distributed production architecture.

<sup>35</sup><sub>17</sub> OO programming in a dev team, using rigorous development procedures involving Request and Tracking systems, SubVersion branching, local LAMP dev servers under Ubuntu and formal weekly releases.

<sup>35</sup><sub>17</sub> Maintained PHP websites based on the Kohana MVC Framework, using MemCache and Rules based system.

<sup>35</sup><sub>17</sub> Supported Business Team with CP Website for configuring all Offers, graphics, Registration Paths, members, maintaining Advertiser and Publisher relationships, and all back-office processing.

<sup>35</sup><sub>17</sub> Maintained the G2 Engine, for handling all public traffic from Ad Placements and e-mail campaigns, and includes User Registrations, Member Profiles, generation of related targeted offers and awarding of Gift Credits.

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January 2008 – July 2013: Model Productions, USA/UK/Spain  
IT Manager and Senior Web Developer

**Projects: MP Websites, AMMS, Model Online Portfolios (MOP) , INK Printing, IT Support**

**Software:** PHP, ASP C#, JSP, Java, XML, Ajax, JavaScript, HTML, CSS, ActionScript, MySQL, VB

- <sup>35</sup><sub>17</sub> Acting CTO, managing developers, designers and testing staff for in-house projects.
  - <sup>35</sup><sub>17</sub> Negotiated requirements, scoped and budgeted projects, using iterations following Agile methodology.
  - <sup>35</sup><sub>17</sub> Prepared invoices, approved expenses and documented project finances.
  - <sup>35</sup><sub>17</sub> Organized new staff, trained and monitored, setup commission payments and project accounting.
  - <sup>35</sup><sub>17</sub> Constructed new Photo sites, with customer accounts and restricted access, using C# ASP pages,
  - <sup>35</sup><sub>17</sub> Created new eCommerce site, for viewing Photos and selling MP and AAT Products to general public.
  - <sup>35</sup><sub>17</sub> Used QR Codes for quick access to Mobile Responsive pages for online audition scheduling.
  - <sup>35</sup><sub>17</sub> Created in-house tracking and accounting systems using PHP and CakePHP with MVC framework.
  - <sup>35</sup><sub>17</sub> Performed SEO for Google, with dynamic C# SiteMaps and dynamic page Keyword/Description.
  - <sup>35</sup><sub>17</sub> Used REST interfaces and JSON data on 3<sup>rd</sup> party system, for data retrieval and notifications.
  - <sup>35</sup><sub>17</sub> Created Windows Desktop Application to create accounts and scale/upload photos, HTTP, FTP, XML.
  - <sup>35</sup><sub>17</sub> Restructured and maintained MP websites, using existing PHP and new UI designs from India.
  - <sup>35</sup><sub>17</sub> Maintained all IT infrastructure, including PCs, Printers, Network, Software, Emails, etc.
  - <sup>35</sup><sub>17</sub> Designed, proposed and implemented new subscription based MOP system, to generate revenue.
  - <sup>35</sup><sub>17</sub> Created back-end bridge to transfer images and XML data between sub-systems over HTTP.
  - <sup>35</sup><sub>17</sub> Implemented all model objects and utility classes using Java back-end.
  - <sup>35</sup><sub>17</sub> Created new Testimonials site, involving .NET 2.0 framework and ASP pages and MySQL.
  - <sup>35</sup><sub>17</sub> Designed and created e-commerce website and office systems to support new INK Printing company.
  - <sup>35</sup><sub>17</sub> Implemented ordering system with MySQL and integrated 2Checkout for payment transactions.
  - <sup>35</sup><sub>17</sub> Created VB applications and AutoHotKeys scripts to automate steps of production process.
  - <sup>35</sup><sub>17</sub> Integrated USPS postage system via Dazzle with ordering system and automated label printing.
  - <sup>35</sup><sub>17</sub> Created on-demand and online daily, weekly and monthly orders and accounting reports.
  - <sup>35</sup><sub>17</sub> Utilized Subversion and TortoiseSVN for versioning and collaboration across the company.
  - <sup>35</sup><sub>17</sub> Created online Bugs & Enhancements pages for all systems utilizing BugZilla and AJAX.
  - <sup>35</sup><sub>17</sub> Technical support for all sites, servers, DBs, accounts, and customer IT issues.
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May 2009 – December 2009: SoulOfTheNet, Torrevieja in Spain  
Web Developer (Contractor)

**Projects: CHL Golf Services Website, GoldCar Rentals**

**Software:** PHP, MySQL, JavaScript, MooTools, Joomla, LAMP, VirtueCart

- <sup>35</sup><sub>17</sub> Implemented enhanced dynamic calendars for date fields, utilizing JCal2 from Dynarch.
  - <sup>35</sup><sub>17</sub> Created a Joomla Component for GoldCarRental, both front-end and back-end administration.
  - <sup>35</sup><sub>17</sub> Constructed PHP pages using MVC framework in Joomla, to perform car rental bookings.
  - <sup>35</sup><sub>17</sub> Used Mootools to animate car selections, and dynamic pricing with JavaScript, Ajax and PHP pages.
  - <sup>35</sup><sub>17</sub> Interfaced with PayPal for booking deposits and reservation confirmations.
  - <sup>35</sup><sub>17</sub> Implemented XML interface over HTTP, to GoldCar booking system to make rental reservations.
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May 2002 – June 2008: Convergent Media Systems, Alpharetta, GA, USA  
eLearning Development Manager

**Projects: CPE Toolbar, CPE Tool, CPE Course Shell, CPE Website and Sales Support**

**Software:** C#, .NET, VisualBasic 6, Flash, ActionScript, JavaScript, HTML, XML, DTD, BugZilla.

- <sup>35</sup><sub>17</sub> Prepared Powerpoint presentations and demos of software to potential new clients.
- <sup>35</sup><sub>17</sub> Scoped out new requirements, priced, scheduled, implemented and delivered new features.
- <sup>35</sup><sub>17</sub> Managed remote developers and graphic design staff, utilizing Agile techniques.
- <sup>35</sup><sub>17</sub> Commissioned and promoted time tracking system for all project staff, in-house and remote.
- <sup>35</sup><sub>17</sub> Organized development meetings to review progress, discuss milestones and plan the weeks ahead.
- <sup>35</sup><sub>17</sub> Maintained CPE Development Plan utilizing BugZilla for Requirements, Enhancements & Bug tracking.
- <sup>35</sup><sub>17</sub> Created a Powerpoint plug-in toolbar using C# to manipulate slides to create eLearning courses.
- <sup>35</sup><sub>17</sub> Created feature rich and versatile VB application to create, edit and extend online eLearning courses.

- <sup>35</sup><sub>17</sub> Implemented features for Video, Audio, Flash, Images, Captivate content and Quiz Questions.
- <sup>35</sup><sub>17</sub> Integrated Microsoft UI and data controls to illustrate components and manipulate XML data.
- <sup>35</sup><sub>17</sub> Implemented profiles using XML to publish courses to LMSs using HTTP, FTP or PENS standard.
- <sup>35</sup><sub>17</sub> Content communications using AICC, SCORM 1.2 and SCORM 2004 and proprietary protocols.
- <sup>35</sup><sub>17</sub> Integrated nBit FTP library to provided publishing to File System, FTP Servers or SSH Servers.
- <sup>35</sup><sub>17</sub> Integrated JPEG library, ij11 from Intel to perform image snapshots and generate thumbnail images.
- <sup>35</sup><sub>17</sub> Integrated WiZip32 to perform the optional packaging of courses for publishing.
- <sup>35</sup><sub>17</sub> Constructed a Flash based Course Shell to present eLearning Courses using Internet Explorer.
- <sup>35</sup><sub>17</sub> Implemented media containers utilizing a hierarchical object based design in ActionScript.
- <sup>35</sup><sub>17</sub> Created a .NET windows application to perform studio teleprompting and recording CC timings.
- <sup>35</sup><sub>17</sub> Created CPE website using HTML, DHTML, AJAX to market CPE Toolset, and provide downloads.

**Projects: Digital Asset Management System (DAM) for Royal Bank of Canada (RBC)**

**Software:** Pictron DAM, HTML, JavaScript, CPE Toolset.

- <sup>35</sup><sub>17</sub> Assessed various DAM solutions, compared and contrasted before proposing Pictron to RBC.
- <sup>35</sup><sub>17</sub> Specified H/W, purchased and installed in Canada studios and Atlanta central data centre.
- <sup>35</sup><sub>17</sub> Commissioned the system, trained staff, resolved problems and coordinated support from Pictron.
- <sup>35</sup><sub>17</sub> Integrated video libraries in the DAM with CPE Toolset to facilitate rapid eLearning courseware.

**Projects: Corporate eLearning Portal Development and Support**

**Software:** Vignette, Oracle 8i, Java, Postgres JSP, Dreamweaver, Flash.

- <sup>35</sup><sub>17</sub> Managed the portal development group, development activities and corporate portal support.
- <sup>35</sup><sub>17</sub> Coordinated vignette upgrades, extensions, testing servers and commission company wide.
- <sup>35</sup><sub>17</sub> Recruited new staff, organized training and scheduling of all staff using Microsoft Project.
- <sup>35</sup><sub>17</sub> Managed portal user accounts, groups, access rights, presentation pages, modules and applications,
- <sup>35</sup><sub>17</sub> Lead development team to integrate new portal content and new 3<sup>rd</sup> party information sources.
- <sup>35</sup><sub>17</sub> Created a SCORM Workshop teaching course, and presented to clients,
- <sup>35</sup><sub>17</sub> Developed Learning Management System integrations using JavaScript, Visual Basic and COM,
- <sup>35</sup><sub>17</sub> Acted as eLearning Technical Director, determining technologies and implementation methods,
- <sup>35</sup><sub>17</sub> Integrations with client LMSs, including Moodle, SumTotal, edCore, ii3, PLN and Pathlore.

**January 2001 - May 2002:** BroadVision / Keyeon, Atlanta, GA, USA

*Project Manager*

**Project: Integrated Enterprise Portal (IEP) 6.5 Product Development**

**Software:** BroadVision, IEP, Pub Center 6.0 & 6.5, iPlanet & Apache Web Servers, Oracle 8i, WebLogic 6, Java 1.3, JSP 1.1, Struts 1.0, XML, HTML, UltraEdit-32, VI.

- <sup>35</sup><sub>17</sub> Performed various design and implementation tasks for the related IEP 6.5 BroadVision product that was to be IM free and run in WebLogic and WebSphere Application Servers.
- <sup>35</sup><sub>17</sub> Negotiated task estimates, implementations and coordinated with BroadVision HQ in California.
- <sup>35</sup><sub>17</sub> Created Java beans to represent BroadVision Content Items for use in Java Server Pages using Stuts.
- <sup>35</sup><sub>17</sub> Created test classes and used JUnit and Ant to unit test the Java beans, interfaces and classes.

**Project: Workplace Portal Product Design and Estimation**

**Software:** BroadVision, IEP, iPlanet & Apache Web Servers, Oracle 8i, WebLogic 6, Java 1.3, JavaScript, XML, HTML, UltraEdit-32, MS Project 2000, Rational Rose.

- <sup>35</sup><sub>17</sub> Assisted in the creation of Requirements Specifications for the Workplace portal product.
- <sup>35</sup><sub>17</sub> Design documentation including sequence and class diagrams using Rational Rose and UML.
- <sup>35</sup><sub>17</sub> Product architecture involved JSPs, Struts framework, Tag Libraries, EJBs and WebLogic J2EE Application Servers talking to backend local Database and EAI for 3<sup>rd</sup> party remote systems.
- <sup>35</sup><sub>17</sub> Managed a team of developers involved in Portal product support work and functional specifications.
- <sup>35</sup><sub>17</sub> Installed the BroadVision products and maintained development environments, including Web Servers, Integration Managers, Root/Hosts and Database configurations.
- <sup>35</sup><sub>17</sub> Researched and prototyped functionality for task definitions and UI demonstration purposes.
- <sup>35</sup><sub>17</sub> Investigated Instant Messaging vendors and prototyped required functionality for Portal.

**Project: Bank of America Employee Learning Portal**

Employee Portal using BroadVision and IEP, with generalization for a product portal involving Company, Training, Life and Job services.

**Software:** BroadVision, IEP and Command Center 5.5 & 6.0, iPlanet Web Servers 4.1, Oracle 8i, SQL Server, Postgres, Crystal Reports, WebLogic 5.1, ClearCase. Java 1.3, JavaScript, DHTML, SiteWare, Forte for JAVA. MS Project 2000, Rational Rose.

- <sup>35</sup><sub>17</sub> Improved Integration Procedures to reduce development and QA testing times and reducing development cycle to 8-week iterations, based on XP (Extreme Programming) and SCRUM Methodologies.
- <sup>35</sup><sub>17</sub> Project planning including task estimates, resource allocations and resolving dependency problems using MS Project to monitor development life cycle.
- <sup>35</sup><sub>17</sub> Interacted with client management to discuss requirements and deliverables, and also technical staff regarding integration points and testing tools.
- <sup>35</sup><sub>17</sub> Managed 6 staff in the Infrastructure group responsible for the design and implementation of back-end subsystems, termed SSI, to support the web pages of the portal.
- <sup>35</sup><sub>17</sub> SSI provided to the portal, the Bank of America intranet sites via Site Subjugation, Stock Quotes, News and Weather via Screaming Media's SiteWare, and intranet images via an Image Servlet.
- <sup>35</sup><sub>17</sub> SSI architecture involved flexible configurations for scalability, with any number of Central SSI Servers using WebLogic on separate boxes, and a Local SSI Server for each BroadVision IM box. Local SSI Servers communicate with a single Central SSI Server via RMI, each Central SSI Server obtains data via VPN or 3<sup>rd</sup> party software, and data is cached at all levels for performance.
- <sup>35</sup><sub>17</sub> Logged Web Traffic data to SQL Server and generated online reports using Crystal Reports.
- <sup>35</sup><sub>17</sub> Presented designs and facilitated design discussions with the infrastructure team.
- <sup>35</sup><sub>17</sub> Created and reviewed design documents involving Use Cases and OO modeling using UML with Rational Rose to produce class diagrams and sequence diagrams.
- <sup>35</sup><sub>17</sub> Implemented Server-Side and Client-Side JavaScript including DHTML for client-side functionality and processing page request on the server.
- <sup>35</sup><sub>17</sub> Used the BroadVision JavaScript API's to manipulate BV data in response to page requests.
- <sup>35</sup><sub>17</sub> Researched bugs and estimated fixes, together with organizing resources and negotiated deliveries of bug fixes and functional enhancements with client.

**January 2000 - January 2001: GTS, Atlanta, GA, USA**

*Consultant/Team Lead (Contractor)*

**Project: Home Depot E-Commerce Project**

Data migration of web site to BroadVision and launch of the Home Depot E-Commerce Web Site.

**Software:** BroadVision, Informix, PVCS, Lotus Notes, JavaScript, HTML, DHTML. IE, Netscape 4.75

- <sup>35</sup><sub>17</sub> Acted as BroadVision consultant providing architectural design and development consultancy.
- <sup>35</sup><sub>17</sub> Team Lead for 6 staff, scheduling, allocating tasks, monitoring progress and trouble shooting.
- <sup>35</sup><sub>17</sub> Developed using Client-Side and Server-Side JavaScript to support Publishing Center pages for data entry, and presentation pages for displaying Product information on the new web site.
- <sup>35</sup><sub>17</sub> Developed Client-Side HTML/DHTML and Layers for Shopping Cart dynamics, e.g. Total Price.
- <sup>35</sup><sub>17</sub> Initiated a model for formal documentation regarding agreed functional extensions.
- <sup>35</sup><sub>17</sub> Analyzed performance problems using WebStone scripts on the Web Site and the back-end Database, and produced documented proposals for improved performance.
- <sup>35</sup><sub>17</sub> Designed and documented proposals for further enhancements and extended functionality for extending to multiple markets across the US, involving estimates and task specifications.
- <sup>35</sup><sub>17</sub> Designs and implementations followed Object Oriented architecture both Server and Client-Side.

**October 1998 - November 1999: Computer Consulting Services Corporation (CCSC), Atlanta, GA, USA**

*Consultant*

**Project: Philips Speech Processing (May 1999 - Nov 1999)**

A public information system using speech recognition and speech processing dialog control system (Speech Mania) for an Italian telecommunications company.

**Software:** Speech Mania, SourceSafe 6, MS Visual Studio 6, Visual Basic 6, Internet Explorer 5, Lotus Notes 4.6, FrontPage 2, JBuilder 2, SQL Server, MS Access.

- Wrote Design Specs, Test Plans and Test Reports for individual services from User Requirements.
- Designed, Coded and Tested dialog control modules using HDDL in Visual Studio and PSP offline testing tools, e.g. dcofflin and VisualDC.

- Joined and directed a voluntary initiative to create a time and effort saving Visual C++ Wizard automation tool. Accepted by the European Head Office and now used as standard in this and similar projects.
- Appointed and successfully performed as Team Leader and Project Manager when required.
- Supported an integration group with maintenance work via problem reports on all project services.
- Managed communications between US and Europe for problems, status reports and source control.
- Created Visual Basic NT Services using Internet Explorer and Windows API features to perform various over-night Internet browsing activities.
- Created and managed a Web Site involving HTML, JAVA applets and JavaScript, using Front Page and JBuilder.

**Project: CCSC In-House (Feb 1999 - May 1999)**

Training Allowance Program (TAP) maintenance system via web pages.

Software: Visual Studio 6, Visual InterDev 6, VBscript, ASP, HTML, Internet Explorer 4.0, Oracle 8, SQL, Server 6.5, MS Source Safe, JAVA2, MS Access.

- Analyzed current paper process, determined new requirements and automation process via the Web
- Designed necessary data tables for Oracle 8 and SQL Server 6.5 databases.
- Developed ASP pages with VBscript and InterDev to provide the functionality over the Internet.
- Created an MS Access database of business contacts.
- Object Orientated designed and implementation of a contacts application using JAVA.

**Project: Cool Savings (Dec 1998 - Jan 1999)**

E-Commerce application for advertisers to create coupons on-line.

Software: HTML, ASP, VBscript, JavaScript, InterDev, Source Safe, Internet Explorer 4.0, IIS 4.

- Planned the project phases to very tight deadlines involving 3 Web Developers.
- Lead the team through requirements specification and initial implementation.
- Examined existing code and specified new software requirements.
- Modified existing HTML and ASP pages to include new features and changed layouts.

**January 1993 - October 1998: Cogsys Limited (Expert Systems) Manchester, UK**

*Software Engineer / Team Leader / Project Manager*

Projects: Various projects involving simulation software and installations in factory control systems.

Software: Visual Basic 5.0, ActiveX, COM, HTML, VBA, Fortran, C++, Emacs, C, PC-Xware,

Hardware: PCs, VAX workstations, SUN SPARCstations, VT-Terminals

- Lead projects and teams of programmers and simulation consultants.
- Designed project architecture and presented to Management, Engineers and Administrators.
- Planned and monitored projects with MS Project, and completed on time and within budget.
- Modularized work and recruited staff and development H/W to satisfy short project time scales.
- Presented 3-day courses, architecture and technical information to classes of technical engineers.
- Wrote User Requirements Spec and Functional Spec after meetings and investigations with clients.

**October 1988 - December 1992: EDS / SD-Scicon (Process Systems) Manchester, UK**

*A.I. Software Engineer*

Projects: Many process monitoring and control system projects involving Expert Systems.

Software: POPLOG, Prolog, POP-II, C, SETCON SCADA, All-in-One, CLIPPER5, Lotus 1-2-3.

Hardware: UNIX under Sun Solaris 2, SPARCstation, 486 PC, MicroVAX, VAXstation and DECnet.

- Analyzed systems and produced User Requirements for new, modified and extended systems.
- Designed architectures and presented Designs, Functional Specifications and Test Specifications.
- Implemented interfaces for Expert Systems to external systems and databases.
- Early testing against Test Specification, using simulators resulting in early deliveries.
- Wrote and presented training courses for operators and maintenance engineers.