iain **west**

PROFILE

An enthusiastic and highly motivated application architect/development lead, primarily around the .Net Framework (C#, ASP.Net, ASP.Net MVC) Over 15 years' experience mainly in the UK Financial Services sector. I have strong leadership skills working with and managing both onshore and offshore development and test teams. Full understanding of the SDLC and ITIL practices, successfully delivering multi-million pound projects. I am advocate of agile development and dev ops and committed to designing and delivering secure, robust and scalable software solutions. I am interested in emerging technologies and keep up-to-date with regard to tools and methodologies.

SKILLS

- C#
- ASP.NET
- ASP.Net MVC
- Unit Testing/Mocking
- Continuous Integration/Deployment
- MSBuild
- SVN/Git/Mercurial

- SQL Server / TSQL
- Web Services (WCF)
- IBM MQ
- XML/XSLT
- JavaScript/jQuery
- Html/XHtml/Html5
- CSS

EXPERIENCE

LeasePlan UK Ltd (August 2009 to Present)

Senior Technical Solutions Analyst (Technical/Application Architect)

- Technical Lead managing delivery of solutions.
- Application owner of application architecture
- Working with onshore/offshore development model.
- Introduced ASP.NET and ASP.Net MVC to LeasePlan.
- Introduced continuous integration and automated deployment via TeamCity
- Introduced coding and development standards.
- Architected base ASP.Net and ASP.NET MVC solution making use of such concepts as Separation of Concerns (Service Layer), Inversion of Control, Custom Helpers, Entity Framework and the Repository Pattern.
- Optimised and tuned large SQL databases.
- Integration of .Net web applications with other satellite systems e.g iSeries, Salesforce and Java via service layer using IBM MQ.
- Worked with a team to introduce Agile practices into LeasePlan; used parts of SCRUM methodology for several projects.

LeasePlan is the world's largest automotive leasing company and is in the top 3 in the UK.

I have worked on both greenfield and brownfield application being the main driver in the architecture of the ASP.NET based web application. I worked closely with different areas of the business having diverse range of technical abilities, to gather requirements and writing custom ASP.NET web applications based on the needs of the business.

Salary Sacrifice custom ASP.Net web solution (SalaryPlan) was written in C# using Linq to SQL and later moved the entity framework using the Repository and Abstract Factory patterns. I worked on a custom membership provider to allow authentication via SAML for flexible benefits providers and web service calls to the core leasing system (iSeries) and external partners, using WCF and IBM MQ. The solution is externally facing to end users and is used in many sectors,

including both public and private sector companies ranging from large blue chip, to local authorities and NHS trusts.

Quote to Order is the core quoting system for all company car users across all four of LeasePlan Brands. It is a custom ASP.Net web solution which was migrated from classic ASP and VB6, which I extended the architecture from the Salary Sacrifice introducing Entity Framework and MVC into LeasePlan. The architecture allowed for the flexibility to expose core functionality of the system as web services using WCF to allow integration with a Salesforce solution.

CAP vehicle data is being brought into LeasePlan to replace their current vehicle data provider and I worked as part of the team on the migration project. The quoting systems use SQL Server 2008 and due to the size of their databases and the amount of data coming in via IBM MQ I wrote a program in C# to speed up the process in reading messages of the queue and insert into the SQL database. I have also successfully carried out optimisation work to increase the speed of the import into SQL, which included moving heap tables into clustered tables, adding and optimizing indexes and improving the performance of the stored procedures.

I have also worked on internal applications, one includes a Project Tracking tool which has been written using MVC4 and Razor using Entity Framework with the Repository and Unit of Work pattern to allow the business users dependent upon their role permission to be actively involved and kept informed of project deliver.

Iain West Ltd (August 2008 to August 2009)

Consultant

Bestinvest

After leaving Bestinvest from a permanent position I continued for 10 months to support development and maintenance of the web applications on a part time basis.

workgig.co.uk

Start-up company, recruitment website developed a bespoke ASP.Net web application, including database design and build. Focused around software architecture to ensure possibility to add new features such as a social network layer including Facebook API and Twitter API including oAuth authentication.

capitalpubcompany.com

Owner of around 20 pubs in the London area. Developed a custom ASP.Net web application enabling each pub to have their own micro site to enable opening hours, menus, events and location (Google Maps) which can easily be updated and managed by the client.

the1.com

Developed a bespoke website included CMS to enhance Search Engine Optimisation and user experience and to allow the internal staff to easily load new opportunities.

netevents.tv

Migration of website from Classic ASP to ASP.NET 3.5 allowing for a multi-language site with flash video streaming.

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Development of Feed aggregator using Linq to XML and a custom membership provider for the registration wizard.

BestInvest Brokerd PLC (December 2000 to August 2008)

Technical Architect

- Involved with all levels of the company from the CEO to the end users.
- Technical Lead
- Introduced ASP.NET to Bestinvest
- Introduced continuous integration and automated deployment via TeamCity
- Implemented functional testing using WatIn and Selenium.
- Involved in analysis and design as well as the creation of new software and maintenance of existing systems.

Bestinvest is an Independent Financial advisor who offers an e-business solution to investors.

Migrated existing website written with Filemaker CDML and classic ASP to a custom ASP.Net web application. This offered Bestinvest greater scalability and improved security over the previous site, plus helping ensure growth by allowing an API which has allowed a white labelled B2B solution to be offered.

Using the Filemaker 9 XML web publishing engine, wrote a customer XML API to parse this back to the web application, with the arrival of Linq to XML, this was then upgraded and used an XSLT to transform the XML from the Filemaker web publishing engine to improve performance and to make it easier to handle the returned data and allowing a better integration with the Filemaker system and Microsoft SQL Server.

Design and developed the integration using Origo standards to communicate with Pensions and Mortgage suppliers to ensure real-time information is supplied to customers throughout the application stage and during the life of the policy.

Designed and developed an online investing solution (ISAs and Unit Trusts) using web services based on Origo standards to communicate with fund supermarkets. Utilising real time feeds from third party providers for live unit pricing ensuring up to date and accurate information to investors once logged into the secure client centre.

CSL Ltd (November 1997 to November 2000)

Developer

- Maintained and added enhancements to main CRM System
- Handled support calls from all aspects of the business

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CSL are a small IT Services company and I was on a team looking after their main CRM system which was written in Borland Paradox with Delphi (Turbo Pascal) as the front end Windows application.

EXPERIENCE

Small Web Projects I have worked on

West End Brokers Study Group (2001 – Present)

http://web-club.info
Custom ASP.net Web application to act as a secure portal for the IFA based members and sponsors to share presentations and ideas

Retirement Calculator (2008)

Custom ASP.net web application to allow Barclays Wealth Management to migrate a Microsoft Excel spreadsheet to become a web form to be available on their intranet.

London to Lands-End (2007)

The Connection as St Martin charity for London's homeless did a sponsored cycle ride from London to Lands-End in 24 hours and they required a website to store the route information and a blog for the training progress and live commentary during their cycle ride.

Russell Study Group (2002-2006)

An IFA study group required a website to act as portfolio for members to record member details, member ideas, attendance and meeting agendas.

Findingaplace.com (2004)

A letting agency based in North London required a website for tenants to register their housing requirements and for landlords to register and search the data. I worked with a designer and developed the PHP code around their design.

EDUCATION

DevelopMentor – Entity Framework (2012)

QA-IQ - .Net 2 Web Application (2008)

QA-IQ - .Net 2 Framework (2006)

Dunstan Thomas – XML Web Applications (2002)

VST – Website Development (2000)

ICS – Visual C++ Programming (1997)

ICS – Computer Maintenance (1996)

Queen Elizabeth's Boys' School (Barnet) (1989 – 1996)

GNVQ Business and Finance Awarded Distinction grade and during this course I was awarded the Midland Trophy for Business Procedures.
8 GCSEs: English, Mathematics, Science Double, Design and Communication, Geography, Business Studies and German.