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Skills

Programming languages

C#, JavaScript, Java

Frameworks

Microsoft

Microsoft Office SharePoint Server 2007

SharePoint Windows Services 2.0 / 3.0

Windows Workflow Foundation

Microsoft Content Management Server 2002

Microsoft ASP.NET / Mobile / WinForms

Microsoft .NET (1.0 - 3.5/ compact 2.0)

SharePoint Portal Server 2003

Cruise Control, Team build, msbuild, nant, Resharper

TypeMock, RhinoMocks, StructureMap, Unity

[NHibernate](#), Linq to Sql, Enterprise Library 1.0/2.0/3.0

[NUnit](#), mstest, [WaitN](#) (contributor)

Java

Apache Struts (Struts action framework), JSP, Servlets, Hibernate, JUnit

JavaScript

jQuery 1.3

Databases and data access technologies

Microsoft SQL Server (2005/2000/7/6.5)

ADO.NET, ADO, ADOMD, TSQL

Oracle (9), JDBC & PL-SQL

Application servers

Microsoft IIS (6/5/4), Com+ (MTS)

IBM WebSphere (5/4) & Tomcat

Nationality: British

Age: 32

Other languages spoken:

German (near fluency)

SharePoint Architect / Developer (contract) Total Gas & Power Nov 2009 – Current

Role deliverables:

- Providing workflow & SharePoint consultancy to all areas of the business: Trading floor, Risk, Finance, Legal, Credit and IT.
- Developed an extensible and reusable workflow architecture
- Delivered multiple workflows, for SOX control and line of business applications
- Lead architect / developer, responsible for hiring other team members, conducting code reviews and giving technical leadership

Technologies: SharePoint 2007, c#, nunit, typemock, cruisecontrol

SharePoint Development Assets used: Solution packages, features, feature receivers, content type definitions, custom list schemes, workflow definitions, custom actions

Software Development Engineer (contract) Microsoft Oct - Nov 2009

Role deliverables:

- Asked to come back to the programme and help them release a minor upgrade to several previous releases
- Enhance the NHS CUI Programme to move towards a more extendable SharePoint architecture for implementation by Trusts across NHS.

Technologies: SharePoint 2007, c#, asp.net

SharePoint Architect / Developer (contract) KPMG June – Oct 2009

Produce a set of comprehensive upgrades to the KPMG Advisory SharePoint Portal.

Role deliverables:

- Liaise with business to scope requirements and socialize portal upgrades with end users
- Develop web part framework and UI architecture
- Responsible for developing core features
- Unit testing, performance testing.

Technologies: SharePoint 2007, c#, jQuery, nunit

SharePoint Development Assets used: Solution packages, features, feature receivers, content type definitions, custom list schemes, master pages, pagelayouts, custom field controls, suite of web part controls.

SharePoint Consultant / Developer (contract) Capgemini Jan - May 2009

Deliver a content management system and a public facing SharePoint 2007 website for the Department for Children, Schools and Families.

Role deliverables:

- Developed framework architecture and implementation based on [SharePoint Patterns and Practices guidance](#)
- Lead strategy on continuous integration and team development best practices
- Responsible for several core features and customizations to CMS user interface
- Unit testing, performance testing.

Technologies: SharePoint 2007, c#,jQuery, nunit, cruisecontrol, typemock, ncover , fxcop, stylecop, watin

SharePoint Architect(contract) Mizuho - Investment Bank October - December 2008

A solution architecture was required to help Mizuho manage and audit their Excel workbooks throughout end user computing.

Role deliverables:

- Design solution architecture for workbook management and auditing
- Create strategy around data source management
- Implement and demonstrate a proof of concept SharePoint solution.

Technologies: SharePoint 2007, Excel Services, c#, nunit, watin, fxcop, subversion, VBA

Software Consultant (contract) Barclays Capital June – October 2008

Responsible for championing Software Development Life Cycle best practices to existing development team. Introduced and championed the following processes and practices:

Role deliverables:

- Continuous integration, and fully automated build and test system
- Responsible for leading team of co-located developers.
- Automated functional and user acceptance testing
- Performance testing

Technologies: c#, fitness, bizunit, nunit, watin, ncover, fxcop, stylecop, perforce, mstest, team test load agent

SharePoint Consultant (contract) o2 Apr – May 2008

Hired by ZenithOptimedia to rescue a failing SharePoint project, I was responsible for designing, customizing and rolling out a collaboration platform based on SharePoint technologies

- Consulting on development and deployment best practices.
- Design & implementation of custom forms based authentication.
- Use of custom content types and event receivers to help automate business processes.

SharePoint Consultant (contract) Microsoft UK Apr 2007 – Apr 2008

Project: Knowledge Worker Tools

Client: Microsoft UK / NHS

Role: Lead Developer / Architect

Task: Design and develop a suite of custom site definitions to meet general business requirements of NHS trusts. Work centred on customising the site directory, team site and report centre site definitions

and repackaging them using the SharePoint solution framework.

Responsibilities:

- Creating the concept and demonstrating a prototype to the NHS
- Application architecture
- Detailed design and implementation
- Assisting design and test team

Technology:

Microsoft Office SharePoint Server 2007 (WebParts, Site Definitions, Features, Provisioning classes) ASP.NET 2.0, Continuous integration using msbuild and TFS, WatiN, Resharper, mstest, fxcop, stylecop (coding style analysis tool).

Project: Medical Search Engine

Client: Microsoft UK / NHS

Role: Senior Developer

Task:

- Re-architecture and rewriting of search engine system
- Improve testability and maintainability of codebase.
- Improve ability to integrate external client applications.
- Enhance several of the existing client applications

Responsibilities:

- Application architecture
- Detailed design and implementation
- Implemented provider model pattern to improve testability and decrease coupling throughout the server.
- Introduced test driven development to team.

Technology:

- Microsoft Office SharePoint Server 2007, WebParts, ASP.NET 2.0, Microsoft Enterprise Library 3.0. Continuous integration using msbuild and TFS, WatiN, Resharper, mstest, fxcop, stylecop (coding style analysis tool)

Project: Document Management Workflow

Client: Microsoft UK / NHS

Role: Senior Developer

Task:

- Proof of concept project to demonstrate the power and value of Windows Workflow combined with SharePoint document management.

Responsibilities:

- Detailed design and implementation
- Introduced agile methodologies to deliver frequent releases of proof of concept, and to enable feature driven development in several short sprints.

Technology:

- Windows Workflow Foundation, Microsoft Office SharePoint Server 2007, ASP.NET 2.0, Continuous integration using msbuild and TFS, WatiN, Resharper, mstest, fxcop, stylecop (coding style analysis tool)

Senior architect / lead developer Palmer Hargreaves Wallis Tomlinson Oct 2002 – Apr 2007

Roles and responsibilities

- Head of department: In charge of 6 developers, 2 project managers and 1 user interface designer.
- Senior architect / lead developer
 - Implementing large scalable enterprise content & knowledge management systems using SharePoint and Microsoft Content Management Server
- Introduced a flavour of agile customised for our team
- Team building: Responsible for recruitment, mentoring, training and career development for developers.
- Established, implemented and maintained software development best practices:
 - Architecture / design patterns
 - Coding standards
 - Comprehensive testing strategy
 - Introduced nightly builds
 - Test driven development
 - Issue management and defect tracking
 - Implemented [Microsoft Team System](#) across the development team.
- Responsible for all IT infrastructure including co-location facility used to host client's applications
- Client and project acquisition

Part-owner/IT Director ph3 Oct 1999 – Oct 2002

Founding part owner and IT director of a start-up software consultancy firm specialising in the automotive sector. During my time at ph3 I achieved the following mile stones:

Financial

- Secured seed capital from Business Angel of £60,000
- Achieved first year revenues of £250,000 and net profit of £40,000.
- Secured second round funding of £100,000 in 2001

Organisational

- Introduced full software development life cycle methodology
- Built up core team of developers

Industry interests:

- Test automation, led development of Firefox port of WatiN <http://watin.sourceforge.net> . Authored an abstraction layer that allows automation of IE using excel, see: <http://www.codeplex.com/wax>
- Continuous learning, covering: technologies, programming languages and frameworks.
- Technical reading about the industry, coding practices and architecture and design patterns
- Researching and prototyping new technologies and programming tools.
- Listening to industry related media from a wide spectrum of sources: www.itconversations.com , www.dotnetrocks.com , channel9.msdn.com , www.hanselminutes.com