Mark Myers: Curriculum Vitae

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EXPERTISE

- Senior Developer/Architect with excellent business interaction and understanding of complex requirements as well as over fifteen years' experience working on demanding projects with very tight deadlines for clients as varied as investment banking to retail consumer products.
- Java & Enterprise Java (10 years).
- Java supporting technologies: Spring, JPA, Ant, Ivy, Eclipse, Maven, Jenkins, GIT (8 years).
- Responsive and mobile web design: Vaadin, APEX, HTML, CSS, JavaScript & frameworks (JQuery, Dojo, AngularJS, Bootstrap, SSJS) (12 years).
- REST, Atom, XML and SOAP-based web services (10 years).
- MySQL, DB2, Microsoft SQL Server (10 years).
- NoSQL: NSF, MongoDB, CouchDb (7 years).
- Cloud delivery platforms: AWS, Salesforce, Heroku, IBM Smart Cloud
- Enterprise Servers: JBoss, Apache Tomcat, IBM Websphere, IBM Domino, node is (13 years).
- IBM Champion for Collaboration Solutions.
- High level of competence in performance-based methodologies such as agile / Scrum and test-driven development (9 years) as well as traditional methods such as 6 Sigma.

Career History

November 2008 – present: founding consultant, London Developer Co-op / LDC Via

Accomplishments

- Migration of multiple traditional applications from onsite to clients preferred cloud platform
 - Migrated applications while maintaining full feature parity. This included writing extensive custom code for the given cloud platform.
 - Mapping of business functionally and data management between different platforms.
 - Worked with the business to work out alternatives if an existing functionality would be prohibitively expensive to implement in the cloud.
 - Dealt with regulatory requirements for different business types.
- Provided custom solutions and modification for multiple cloud platforms expanding on base functions or customising them to match real world situations.
- Responsible for re-designing an application upgrade from Java 1.3 / Adobe JRun to Java 1.8 / JBoss for a large aviation insurance quotation and policy system, using technologies such as FOP, JAXB, Tamino XML Database and JSP.
 - Dealing with all aspects of the upgrade, from server deployment to library versions. This included migration from unsupported systems to current best of breed.
 - Dealing with and taking decisions on a high number of complex upgrade issues (failure was not an option)
- Acted as lead architect and developer for a green-field custom cloud migration in a secure financial system, including user account management (MongoDB, node.js and AngularJS).
- Designed and built core elements of the "mobile.profiler" and "doc.store" applications for Midpoints GmbH:
 - Multi-server applications which run on a variety of server and database platforms (Apache, JBoss, Domino, both NSF and MongoDB).
 - Intuitive user interfaces using the Vaadin and RESTLET frameworks, capable of detecting and authenticating with a number of different systems (LDAP, IBM Domino, Vaadin).
- Design, rebuild and feature enhancement for the i-Sight online case management solution (JSF, Java beans and Bootstrap)

- Bespoke integration solutions for IBM Connections and IBM Websphere for:
 - Cambridge University Press
 - WIS SocialBiz user group
 - Saxion University

This work includes expanding existing Atom-based services and developing visualisation widgets linked to third party systems. It also included synchronisation automation and usage analysis tools.

- Set up on-going tutorials for an ISV's migration from on-site to cloud-based server infrastructures.
- Worked with a diverse group of additional clients:
 - Expanding and customising large scale social network implementations
 - Integrating multiple modern JavaScript frameworks with legacy web applications.
 - Maintaining the perspective necessary to see beyond departmental borders in large corporations.

September 2012 – November 2013: Consulting architect at Allianz Global Corporate & Speciality (contract)

Accomplishments

- Final point of call for all front office systems and integration systems:
 - Designed and developed solutions for problems beyond the scope of outsourced development and maintenance teams (technologies included IBM Websphere, enterprise Java, Spring, JBoss, Oracle and Adobe Flex).
 - Acted as the technical evangelist for IT between the London branch and the global "centre of excellence" team located in France.
 - Trained IT staff members in various systems, providing core background knowledge and laying out the business impact of all the work they undertook, for both global property and marine insurance systems.

October 2011 – August 2012: Solutions Architect at FirstBest / XL Group (contract)

Member of the on-site and advanced development teams.

Accomplishments

- Completed a proof of concept application for providing insurance services to mobile devices:
 - Developed a proxy server converting existing web services to REST services, optimised for iOS.
 - Expanded the existing First Best UMS platform web services.
- Customised First Best's UMS platform for international clients (workers compensation, general liability and global property)
 - Produced technical architecture documents to provide specific scalable solutions for larger client customisations.
 - Completed multiple smaller customisations to UMS framework and applications for client.
 - Worked as a solutions architect on the XL Global property project, dealing with all levels of integration.

August 2005 – October 2011: Senior Developer & Solutions Architect at Allianz Global Corporate & Speciality (contract)

Member of the Duet, AEGIS, Admiral, CORES and GENIUS application development teams.

Accomplishments

- Developed a synchronisation system between two international insurance systems transferring policy premiums amounting to more than \$680 million between two IBM ISeries systems:
 - Enterprise Java using JBoss.
 - REST and Adobe Flex interfaces
 - Interfaces to MySQL, SQLServer and AS/400 system via SOAP-based web services.

- On-line error and re-submission handling.
- Web-based administration interface
- Managed and updated an international cash allocation system
 - Java and Spring 2.5 (Core, MVC and WebFlow).
 - Hosted on Websphere—I was also the Websphere administrator for all development and test systems.
- Developed an externally-facing aviation claims handling system.
 - Synchronisation with middle office systems.
 - ° Scheduling of all claims appointments performed online.
 - Multi-layer role-based security for both internal and external users.
- Developed and maintained the DUET and Ecert web applications for all aspects of marine insurance. Application functionality included:
 - Policy & quoting engine driven by web services.
 - Automatic PDF generation (via web services).
 - Web-based administration interface.
 - Custom user registration.
 - Online quote generation.
 - Historical data retrieval.

• 'Smart' website display for different user roles.
Created cutting-edge rich-content websites using AJAX, XML and CSS technologies.
Built and maintained a web application infrastructure hosting 5,000 users (up to 1,200 concurrent),
using JBoss, MS SQL, IBM Domino, Apache Tomcat, MySQL, custom Java applications and multiple
interfaces to other systems.
Maintained the UK web infrastructure, including multiple domains, DMZ servers, SMTP connections,
Atlassian JIRA, SSL certificates and Lotus Enterprise Integrator.
Seamless systems integration between web sites and existing systems (AS/400, Cognos, other Domino
apps, a high profile online music store).
Acted as a consultant for the migration of 1,000 users to Exchange from IBM Notes.

March 2000 - August 2005: 3rd Line Support / Developer at Bank of New York (contract)

Member of the Distributed Software / Infrastructure team based in London.

Individual accomplishments

- Developed personalised external-facing web portal, enabling huge infrastructure and SSL cost savings, as many different clients were able to use the same site.
- Developed custom web applications and migrated existing client / server applications to the web.
- Coded integration tools for exchange of data between Domino and back-end databases (SQL / ODBC, HP SimCon).
- Creation, integration and maintenance of the world's largest IBM Workflow and Domino.Doc systems.
- Developed bespoke administration tools for the infrastructure team.
- Provided a friendly link for users to explain on-going requirements and issues (including first- to third-line support).
- Able to gauge the required levels of risk in the constant balancing act between security and functionality, where they relate to both web and thin client applications.
- Relied-upon as a technical authority by six vice presidents in the bank. As a consequence, I was often tasked with taking projects to the next step, producing business cases and completed projects.

Team member accomplishments

- Wrote and implemented software for over 50 servers (many client-/internet-facing), with a huge variety of configurations.
- Constant exposure and adapting to new technologies based on promises made to clients by the business.
- Migrated 3,000 users from Microsoft Exchange and mainframe mail systems to IBM Notes, alongside smaller migrations resulting from acquisitions and divestments made by the bank.

- Documented global development standards for the bank.
- Implemented a reverse proxy infrastructure for n-tier web service projects.

January 2000 - March 2000: Developer at British American Tobacco

Developed a global legal release and authorisation system for both browser and thin client, using both NoSQL and relational databases.

June 1995 – January 2000: First-third-line Support / Developer as GE Global Consumer Finance UK

Part of GE GCF (UK)'s Critical Technology Group based in Leeds, the group was responsible for providing technical resource to back up the outsourced support contract, developing and implementing new systems and providing technical solutions as well as working closely with change management to provide quality results within various service level agreements.

Individual accomplishments

- Created various websites, including a help-desk system used by over 3,000 people...
- Built a telecoms bill management database with DLL calls, text file recognition and multi-database querying, enabling much clearer analysis of billings.
- Migrated 2,500 users from IBM Notes to Microsoft Exchange (including all infrastructure construction).
- Converted various IBM Domino applications to Microsoft Exchange.

Team member accomplishments

- Windows NT roll-out to move 3,000 people from 3.11 & Novell with Notes 3.3 to NT and Notes 4.6.1.
- Application support using REXX Script, MF COBOL 85 Programming, Access, VB.
- Provided stable mail and application server support for GE's most profitable business.
- Support for 3,000 user sites on DOS, Windows, OS2 and NT (second and third line).

Additional Professional Interests

- I am a long-standing member of the 1st Tuesday Club, London's premier gathering of IT security professionals (11 years).
- I am an active speaker at conferences including IBM Connect (5 years running) and both local and international user group events (6 years running), on subject ranging from Scala and JVM alternative frameworks to Salesforce.