

# MICHAEL DOYLE

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## SUMMARY

I have been doing custom application development for over 22 years, including over 10 years leading large, multi-shore development teams across full systems lifecycle delivery. I have worked across multiple industry domains including Telecommunications, Manufacturing, Consumer Products and Property Casualty Insurance. I have extensive application architecture experience with numerous enterprise ready applications deployed to production across a wide-ranging type of technologies and frameworks.

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## TECHNICAL QUALIFICATIONS

**Programming Languages:** J2EE, JavaScript, HTML/CSS, Perl, COBOL

**Frameworks:** Spring Framework, Apache Camel, ActiveMQ, CXF, Junit, JQuery, Bootstrap, Angular.js, XMLBeans, JAXB

**Technologies:** SOAP, REST, JMS, XML, XSD, WSDL

**Tools:** Maven, SVN, CVS, Eclipse, Jenkins, Checkstyle, JaCoCo, Archiva,

**Application Servers:** ServiceMix, JBOSS Fuse, WebLogic, Tomcat

**Databases:** Oracle, MySQL, HSQLDB

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## PROFESSIONAL EXPERIENCE

**Accenture**, Overland Park, KS

Technical Architect/Delivery Lead, January 2004 – Present

**Inventory Capability Layer** (Dec 2012 – Sept 2015)

- Overall Architectural design and vision for a new ESB built around open source technologies that supports over 12 million transactions a month.
- Implemented synchronous and asynchronous services utilizing SOAP, REST and JMS protocols.
- Worked closely with Enterprise Architecture to ensure the application was aligned with the overall direction for the company.
- Worked closely with business owners to help facilitate requirement and ensure that application met the expectations of the business.
- Directly managed a team of over 45 resources, with delivery responsibility over 20 additional resources from the client and other consulting firms with a distributed team across multiple onshore locations and multiple delivery centers in India.
- Refactored portions of the application to increase performance in key areas to allow for it to scale with the increased demand.
- Created a rules driven, pluggable interface for the application that allowed for functionality to be added and removed dynamically as needed.
- Created a custom ORM utilizing Spring Data that allowed for CRUD services to be built without the need for embedding SQL.
- Created a XML based service interface that allowed for flexible services that allowed the service consumers to specify criteria and datasets rather than specific services built for each requirement.
- With the creation of reusable frameworks, reduced the time and cost of new development by over 40%

- Implemented Continuous Integration utilizing Jenkins and incorporating static code analysis and unit test code coverage.

#### **MetaSolv Integration Layer** (Jan 2010 – Dec 2012)

- Overall Architectural design and vision for a web service layer built around Oracle's MetaSolv application utilizing WebLogic Integration and MetaSolv APIs.
- Implemented synchronous web services utilizing SOAP.
- Worked closely with Enterprise Architecture to ensure the application was aligned with the overall direction for the company.
- Worked closely with business owners to help facilitate requirement and ensure that application met the expectations of the business.
- Directly managed a team of over 25 resources with a distributed team across onshore and a delivery center in India.
- Integrated MetaSolv with Customer Ordering, Technician Dispatch, Device Activation and Buried Drop Provisioning systems greatly reducing the amount of manual work required for network provisioning.
- Worked directly with Oracle professional services to implement a full stack of network provisioning applications including OSM and IPSA.

#### **Common Desktop Environment** (Sept 2008 – Jan 2010)

- Development lead responsible for Implementing and consolidated desktop for repair agents utilizing Jacada's Workspace and WinFuse products.
- Reduced agents average handle time by 20% by eliminating the need to swivel chair between applications.
- Reduced new agent's time to proficiency by 80% by giving them a single front end to work with.
- Worked closely with business owners to help facilitate requirement and ensure that application met the expectations of the business.
- Directly managed a team of over 15 resources with a distributed team across onshore and a delivery center in India.

#### **Next Generation Dispatch** (Aug 2007 – Sept 2008)

- Coordinated all the development activities building a service layer for @Road utilizing BEA WebLogic Integration platform.
- Architected and implemented base Java utility classes that can be incorporated and utilized in any Java platform technologies based engagements.
- Worked with leadership to estimate delivery time needed and schedule impacts brought on by approved Change Request.
- Implemented and conducted formal code reviews on each development components of the solution and adhering to a team coding standard to ensure the code that is delivered by the build team is of the highest quality and reusability.
- Defined and implemented the Java coding standards and best practice guide lines for the build team to adhere to.

- Implemented and configuration management plan that ensured proper auditing of changes made to the code base.
- Responsible for managing the workload for the build team members throughout the design, build and test phases of the project.
- Build out and maintained the Weblogic Application Servers in the development, testing and production environments.

#### **Embarq eCommerce** (Sept 2006 – Aug 2007)

- Designed and implemented the majority of the commerce functionalities for the Embarq.com using BEA WebLogic and AquaLogic technology platforms including WebLogic Server, WebLogic Portal, AquaLogic Service Bus, and WebLogic Integration; EMC Documentum as Enterprise Content Management System (CMS); Oracle Siebel as the Customer Relationship Management solutions (CRM).
- Designed a software development lifecycle for rapid application development that was implemented by the client IT and Business units.
- Architected, developed, and implemented a solution the increased the performance of embarq.com up to 500% by streamlining existing code, implementing cluster aware caching and building custom Java tag libraries for access and presentation of CMS content.
- Assisted with the adaptation of a SOA solution by utilizing critical service-oriented analysis, planning, and design skills.
- Consolidated and re-engineered all products retrieval related tasks into a central unified fashion which encourages code reusability and extendibility.
- Gathered business requirements transformed them into technical designs and specifications.
- Worked closely with clients and other business owners to ensure our solutions have met all client needs.

#### **Dynamic Software Resources, Kansas City, MO**

Lead Software Engineer, August 1997 - January 2004

- Architected and developed a proof of concept web based portal utilizing SAP NetWeaver Java Application Server that integrated multiple internal applications
- Designed and developed a Web based Project Management and Time Tracking application used across the IT department
- Maintained existing COBOL code on an HP3000 for a manufacturing business including work on handheld, route accounting, accounts receivable, and EDI software.
- Played a large role in the design and development of an EDI Invoicing and Remittance system.
- Played a large role in the design and development of version control software using Visual Basic with an Image Database backbone using ODBC to access it. It included tracking of software versions as well as file library functions.
- Designed and developed a web site for tracking handheld communications using a mixture of Perl CGI scripts and COBOL programs connecting to a MySQL database on a HP-UX system.
- Designed and developed a web site for entering alternate wages for employees in a payroll system using Perl CGI scripts connecting to an Oracle database on a Windows 2000 server.

#### **Farmers Casualty Company Mutual, West Des Moines, IA,**

Software Developer, May 1993 – August 1997

- Designed and developed a Homeowners insurance policy processing and billing system on an IBM mainframe.
- Converted data for all lines of business from the mainframe system to be imported into a PC system.
- Maintained existing and developed new COBOL code on an IBM mainframe for multiple Property Casualty lines of business.
- Did backbone design and development of a PC based COBOL insurance system including design and administration of an Oracle 7.1 database running on a Novell 4.0 network.
- Maintained a Novell network with 50+ clients.
- Migrated file servers from Novell 3.12 to Novell 4.01
- Setup and supported 50+ workstations located in multiple locations. This included both hardware and software support.

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## **EDUCATION**

1991-1993 **Indian Hills Community College**, AAS Computer Science