

# CORY WANDLING

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## SUMMARY OF QUALIFICATIONS

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- 31 years of software development experience
- Extensive OODA skill and experience
- Lead Architect/developer on large scale, multi-million dollar development projects
- Worked at OTI helping develop IBM VisualAge for Smalltalk
- Taught courses on OODA, C++, Java, GUI development
- Full range of development experience: device drivers, real-time control systems, commercial frameworks, web based internet applications, Swing applications

## COMPUTER SKILLS

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**Programming Languages:** Java 8 & 7, Smalltalk, Assembler, Pascal, C, Objective-C, C++, SQL, JavaScript

**Frameworks:** Spring, Hibernate, Struts, MDB, Swing, JUnit, AXIS, JQuery, Jaxb, Spring MVC, DWR

**App Servers:** JBoss, WebSphere, Tomcat, WebLogic

**Technologies:** XML, XML Schema, JSP, HTML, WSDL, SOAP, CSS, AJAX

**Tools:** Eclipse, CVS, wiki

**OS:** Window, Linux, Solaris, AIX

## PROFESSIONAL EXPERIENCE

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Marbles, Inc., Ames, IA

11/95-Present

### **President/Senior Architect**

A software consulting company specializing in information systems and real-time control systems

- Pillar Technology 8/2015 – Present
  - Worked as tech lead at John Deere Financial implementing a Web Service that replaced a manual system for determining tractor excess use charges and residual values. Integrated the web service with an existing Struts app that handled equipment leasing. Used Java 8, Spring Web Services, TopLink and Hibernate/JPA, and REST.
- Korn Ferry 10/2014 – 8/2015
  - Development on an existing JSF web site used by employees to schedule testing and interview sessions. Took business requirements and designed database schemas, server side implementations and client side JavaScript/JSF code. Also re-factored existing code to reduce code duplication.
- Andersen Windows 3/2014 – 10/2014
  - Advised on transition to Spring/Spring Web Services and updated Hibernate technology stack from a WebSphere/IBM centric services. Worked on a replacement of a collection XSLT transforms for order processing to a Java centric approach. Helped migrate server from single point of failure system

to a High Availability network of WebSphere App Server and WebSphere Portal servers. Wrote installation scripts using ksh and python scripts.

- Perficient Inc. (sub to Union Bank of California) 5/2013 – 3/2014
  - Development lead moving old Struts/EJB code to JavaScript and Spring MVC and WebSphere MQ. Wrote MS SQL stored procedures, middleware code, and lots of JavaScript with jQuery and jQuery DataTables.
- General Dynamics 11/2011 – 5/2013
  - Java Architect/Technical lead for a team of 18 developers, both in the US and the UK, for the CQRS project. CQRS (Calculating Quality Reporting Service) is a service developed for the UK National Health Service that measures all UK GP practices against quality measurements and issues payments. The system also handles contract negotiation for all 8,000+ practices and has a user base of 80,000+ people.
- Aviva 6/2010 – 11/2011
  - Used agile methodologies in the development of customer facing web portal using JSF, Spring, Hibernate, WebSphere Portal and web services. Also developed reusable JSF components. Design guidance on web service versioning and architectural techniques. Reviewed load testing results and made recommendations for server optimization. Developed AOP and JMX components for gathering server statistics and implementing stability patterns.
- Meredith Corp. 5/2010
  - Troubleshoot transaction problems for a JBoss porting project. Diagnosed problem areas and made design recommendations.
- OptumHealth (United Health Group) 3/2009 – 9/2010
  - Lead developer for group of a dozen developers implementing a web site to track health care advice for employees of large corporations. Use of Hibernate, Mule, Web Services, Spring. Initial deployment to a user base of 250,000 users. Involved in user case construction, scheduling and team management. Lead the design effort and supervised implementation.
- Jostens 3/2009 – 9/2009
  - Implemented the Enterprise Payment Gateway for processing credit card transactions through two different vendors using XML Schema, POX Web services and Spring. UI Developer on team that reworked the order checkout portion of Jostens online store using Spring MVC, JSP and AJAX.
- Wells Fargo
  - Part of a team using Agile Methodologies to develop a custom CRM front-end to PeopleSoft. Built Web Services using Axis, WebLogic, JUnit and Mock Objects. Helped debug WSDL and XSD schema definitions.
- Ameriprise 1/2006 – 1/2008
  - Brought in to stabilize a portal that was crashing frequently.
  - Project Architect for a document generation system. 1.5 year project. Responsible for design and supervised 15 India off shore developer in the implementation of a client/server system that built MS Word 2007 proposal documents for financial advisors. System used by 15,000 advisors and corporate personnel.
- MTS Systems Corp. 11/1995-5/1997

- Ported an OS/2 real-time servo-hydraulic control system to Window/NT
- USBank 2/1998 – 11/1998
  - Lead a team that developed the core domain models for a credit card administration project at USBank designed to win a contract from the DOD to process \$50 billion year in credit card purchases. The contract was secured.
- American Express Financial Advisors 11/1998 – 5/2003
  - Project to build distributed client server application using Swing and Web Services.
  - Installation and system administration of the VisualAge for Java
  - Developed the core frameworks for which they used to build their award winning financial advice systems.
  - Performed performance analysis and app server tuning
- Digital Equipment Corp, and others 1993
  - Taught classes on C++, Smalltalk, OODA, Java for corporations such as DEC.
- CNS Corp. 11/1991- 5/1992
  - Ported C++/Views from Windows to Presentation Manager. C++/View was an OO class library supporting development of portable GUI code across Motif, windows and OS/2
- Pearson VUE 7/2005 – 1/2006
  - Developed Web based interfaces to Data Warehouse backends
  - Built HTML and JavaScript front ends for backend based services.

Object Technology International (OTT), Ottawa, Canada

5/93-5/95

### **Software Engineer**

Makers of IBM Visual Age for Smalltalk, VisualAge for Java and Eclipse

- Designed/coded/tested components and systems for varied company alliance/partner contracts and produced/published user documentation for those components and systems.
- Supported Microsoft COM call in/out from Smalltalk code.
- Developed parser based tools for code generation.

Iowa Foundation for Medical Care, Des Moines, IA

6/03-07/05

### **Senior Software Architect**

IFMC is a not for profit company that builds large data warehouses for the Center for Medicaid and Medicare Services (CMS) which is an IT arm of the Department of Health and Human Services for the United States Government. Responsible for reviewing and advising on architectural issues concerning a wide range of projects.

- Worked with senior level management and government officials to transition CMS from 2-tier client server based systems to 3-tier Internet systems.
- Helped establish the Architecture Review Board (ARB) that oversees application deployment into the government network. Served on the board as a technical lead.
- Taught evening class on Java development/ Established development standards.
- Developed Web Services that are accessible to outside contractors

- Helped develop software that used AES encryption for the transmission of HIPPA data securely across the internet

MTS System Corp., Minneapolis, MN

11/87-5/93

### **Systems Engineer**

Leading producer of servo hydraulic control systems and testing equipment.

- Lead designer of system software for the division's flagship TestStar product line.
- Designed /coded/tested software involving OS/2 device drivers, C callable interface to an internally developed real-time controller and Presentation Manager applications.
- Team successfully built a servo hydraulic control system prototype in an usually tight time frame. Became the companies best selling product for 7 years.
- Taught classes in real-time controller programming in C and in GUI design and development

## **CERTIFICATION**

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Sun Certified Java Programmer

Sun Certified Java Developer

## **Education**

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Iowa State University, Ames, IA

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Degree: Bachelor of Science    Major: Computer Science    Minor: Mathematics