

Mike Calvo

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Professional Summary:

Mike is a senior software professional that specializes in technical leadership and project delivery. His primary areas of experience are web-based systems, corporate enterprise systems and commercial software applications. He has worked for a variety of clients from a diverse set of business domains including health care, retail, legal, manufacturing, education and software. In addition to project delivery, Mike has extensive experience in teaching technology and mentoring.

Skills:

Agile Methods	Web Applications	Course Development
Technical Estimation	Distributed Applications	Teaching
Application Architecture and Design	Integration	Mentoring

Technologies/Tools:

Microsoft	C#, MSBuild, MSTest, Moq, LINQ
Java	Spring, Hibernate, Groovy, Grails, EJB, Servlets, JSP, JDBC, RMI, Swing, JNI, Apache Axis, Jakarta Commons, SWT, Velocity
Integration	Web Services, JMS, Service Bus, ReST
Application Servers	Tomcat, JBoss, Weblogic, Jetty
Build Tools	Maven, Ant, XDoclet, Cruise Control, Hudson

Experience:

08/08– Present: Microsoft, Development Lead, St. Paul, MN

- Manage small cross-functional team of development and test resources delivering product features for Microsoft Expression Web
- Spearheaded efforts to introduce unit testing into product team. Achieved 80% code coverage for all new work developed by team
- Lead efforts to create a JavaScript/HTML extensibility model for the application including managing cross-site efforts and working with product unit manager to drive technical requirements.
- Developed Silverlight-based features for Expression Web product

03/08– 08/08: Boundary Medical, Contractor, Eden Prairie, MN

- Technical lead on web-based medical research software product team using Groovy and Grails framework
- Responsible for estimation, design, and implementation of product features

05/05– 03/08: Lifetouch, Contractor, Eden Prairie, MN

- Technical lead on over 6 projects in various business lines including finance, ecommerce, order management, customer service, and service fulfillment
- Defined technical strategy for custom web-based applications based on JSF, Hibernate, Spring and Tomcat
- Technical lead on Web-2.0 ecommerce application for online ordering of photographic prints
- Integration lead for order management project using Yantra, BEA AquaLogic and JMS
- Responsible for project planning phases of estimation, task breakdown and resource assignment

12/04 – 05/05: Lawson Software, Contractor, St. Paul, MN

- Lead developer for Eclipse plug-in for designing web-based user interfaces
- Utilized GEF, SWT, and JFace Eclipse plug-in frameworks

- Developed Cocoon-based XSLT web user interface framework for use within applications running in WebSphere and JBoss
- Investigated Portal and JSR168 technology options

5/04 – 11/04: Best Buy, Contractor, Richfield, MN

- Application Architect for complex retail selling system
- Architected and designed service based architecture for enterprise pricing system using Apache Axis
- Designed and implemented integration with point-of-sale using Weblogic, Oracle, and message-driven EJB architecture
- Created framework for automated unit testing using Ant, Mock Objects, JUnit and DBUnit

10/02 – 5/04: Express Scripts, Contractor, Bloomington, MN

- Lead developer on multiple internal finance systems using JBoss, WebSphere, and Oracle
- Designed and developed system persistence layer using EJB 2.0, JDBC, XDoclet and CGlib
- Developed application user interface using Struts and JSTL
- Architect of application framework used on 6 successful projects
- Performed evaluation of Java persistence approaches including JDO, Castor, and EJB

5/02 – 11/02: West Group, Contractor, Eagan, MN

- Technical lead on legal research web product
- Designed and developed framework and application features using iPlanet, XSLT, JSP and Servlets
- Mentored team members new to Java and J2EE
- Developed build process using Ant

2/01 – 5/02: Macromedia, Principal Software Engineer, Minneapolis, MN

- Managed development team
- Lead developer of Sitespring commercial software using JSP, Servlets, custom tags, Sybase and JRun
- Led technology team investigating web services, SOAP, X-Internet tools, .NET, and C#
- Developed and taught advanced Java course to senior technical staff

1/00 – Present: University of Minnesota, Adjunct Faculty - IT, Minneapolis, MN

- Developed course materials and taught Masters level course in User Interface Toolkits theory and implementation in HTML, CGI, and Java Swing/AWT
- Developed course materials and taught Masters level course in Distributed Systems emphasizing RMI, EJB, and Java-based Web Services

9/00 – 3/02: University of Minnesota, Instructor – Enterprise Java Developer Program, Minneapolis, MN

- Teach Java Programming Course
- Teach Java Web Programming Course

12/00 – 3/01: Medtronic, Contractor, Spring Lake Park, MN

- Led migration and centralization of web content for www.medtronic.com
- Development of migration strategy and plan
- Migrated content from Apache web server to iPlanet

12/99 – 1/01: Prometric, Contractor, Bloomington, MN

- Lead designer on distributed financial back office system
- Developed logical and physical enterprise architecture models
- Designed and developed EJB-based solution using Weblogic
- Designed and developed COM/ATL/MTS-based prototypes

5/99 – 12/99: SUPERVALU, Contractor, Eden Prairie, MN

- Mentored team of developers in Java, OO, and Distributed Object Development

- Developed applications using EJB Architecture
- Developed enterprise-level Java framework components
- Developed Java Beans utility applications

7/98 - 5/99: WAM!NET, Contractor, Bloomington, MN

- Designed and developed digital asset management system using distributed system architecture
- Led team of four in design and development of Java Swing-based user interface.
- Developed and used asset management framework including data aware components.
- Developed client software using Java 1.1 delegation event model and model view controller design pattern.

1/94 - 7/98: 3M, St. Paul, MN

- Worked in engineering, information technologies, and commercial software development groups
- Designed and developed Java-based version of Scotchprint (commercial large format printing software package)
- Developed distributed document management and routing system for Healthcare division using Motif, C++, and HP/UX
- Developed manufacturing inspection systems using C, HP/UX and Motif
- Helped influence direction in all groups including: introduction of version control practices, evaluation and adoption of Java, mentoring of senior level developers in Object-oriented practices, and promotion of web-migration strategies.

Education:

University of Minnesota, MS Software Engineering, 1999

University of Florida, BS Computer Engineering, 1993