

Java/J2EE/OO Developer

Results-driven developer of Object-Oriented software and Web solutions, repeatedly retained by Fortune 500 clients from diverse industries (e.g. telecommunications, high-tech, manufacturing) to resolve complex business and technical challenges, drive new six-figure revenue streams, and facilitate a decided competitive edge in the marketplace. Backed by multiple certifications and advanced technology skills encompassing object-oriented design/development, cross-platform expertise, six-plus years of experience in Web development/site administration, and hands-on familiarity with a variety of languages/software/tools. Strong understanding of business flows/processes; able to rapidly discern and incorporate operational needs/requirements into user-centered, cutting-edge solutions. Articulate communicator, equally effective interacting with technical and operational teams.

EXPERTISE

- Testing/Scripting/Documentation
- OOA/OOAD/UML
- Technical Infrastructure
- Complex Programming/Code Generation
- Technical Training & Support
- Cross-Functional Team Leadership
- Troubleshooting/Debugging/QA
- Software Product Development
- Cost-Effective Solution Delivery

TECHNOLOGY SUMMARY

Languages:	Java, JSP, C#, Smalltalk, C++, XML, XSLT, ASP.NET, Visual Basic, ASP, Objective-C, HTML, JavaScript, Lisp, Perl, PHP
Software:	Intellij, JBuilder, JCAPS, NetBeans, MyEclipse, VisualAge, VisualWorks, Visual Studio .NET, Envy, Rational, Dreamweaver, FrontPage, XMLSpy, CodeSmith
Systems:	Windows NT/2000/XP, NeXTSTEP, UNIX, Linux, Lisp Machine, HP-UX, Solaris
Databases:	Oracle, Sybase, Gemstone, Versant, DB2, Microsoft Access, SQL Server 2000/5, MySQL
Methodologies:	UML, OMT, Use Cases, CRC, Fusion, Catalysis, XP: Extreme Programming
Certifications:	MCAD.NET(C#), SQL Server 2000, VB6; CIW Professional (Site Designer); Brainbench Certified in: Smalltalk, C#, J2EE 1.4, ASP, Dynamic HTML, HTML 4.0, JavaScript, UML, OO Design Patterns, Web Developer Client-Side/Server-Side, Web Designer Page Layout, SQL Server 2000 Programming, Dreamweaver 4, XML, and XSL and more.

PROFESSIONAL EXPERIENCE

J2EE DEVELOPER, 2006 to Present

CONCENTRA — Addison, TX — concentra.com

Hand-picked to join Java team for new mission-critical project. **Accomplishment Highlights:**

- **Contributed enhancements/fixes to existing J2EE application** for bill processing and tracking, used both internally and externally.
- **Key member of design/development team for new mission critical** centralized customer management application, bridging single oracle database with legacy application with 80+ sybase databases.
- **Chosen for cross-team JCAPS team** to create business-rule driven transformation between oracle and sybase for centralized customer management application.

.NET APPLICATION DEVELOPER, 2004 to 2006

CONCENTRA — Addison, TX — concentra.com

Recruited for design and development of company-wide sales revenue & commission applications using C#, ASP.NET, custom controls, SQL Server Reporting Services, SQL Server 2000, Sybase. **Accomplishment Highlights:**

- **Technical Lead on multiple .NET applications** for sales revenue and commission reporting and tracking.
- **Design and development of new functionality** for tracking marketing and sales activities, sales, customers and transactions.
- **Design and development of custom** contact management application.

.NET APPLICATION DEVELOPER, 2003 to 2004

REDRIVER SYSTEMS — Plano, TX — redriversystems.com

Recruited for design and development for online donation systems using C#, ASP.NET, custom controls, ActiveReports, XML, SQL Server 2000. **Accomplishment Highlights:**

- **Developed custom database migration tool** using ASP.NET and SQL stored procedures.

.NET APPLICATION DEVELOPER, 2002 to 2003 – *continued*

- **Developed contact directory component** for in-house Content Management System.
- **Documented** current and proposed applications using UML.
- **Responsible for enhancements and fixes** of Import, Report, and Export functionality, using C#, ASP.NET, Stored Procedures, ActiveReports.
- **Performed enhancements and fixes** to ASP.NET web application.

WEB DEVELOPER, 2002 to 2003

TTI, INC. — Ft. Worth, TX — www.ttiinc.com

Recruited for extensive OO background and knowledge of OO Design and UML to help drive redesign of enterprise website for major electronics components distributor using .NET. **Accomplishment Highlights:**

- **Documented current ASP web applications** using UML Use Cases, Interaction Diagrams, and Activity Diagrams.
- **Key team member involved in redesign** of current website into C#.NET framework.
- **Performed on-call support** of existing ASP web applications.

INSTRUCTOR, 2002 to 2002

AEC TECHNICAL INSTITUTE — Hurst, TX

Instructor for computer technology classes. **Courses Taught:**

- **Java, Internet and World Wide Web Programming**, including HTML, JavaScript, Dynamic HTML.
- **Object-Oriented Concepts and Programming in C++.**

SOFTWARE ENGINEER, 2002 to 2002

CERECOM SYSTEMS — Plano, TX — www.cerecom.net

Recruited to develop software for custom call automation applications, utilizing Visual Basic and C. **Accomplishment Highlights:**

- **Performed integration of 3rd party components** to add functionality to ACD Reporting Presentation Software.
- **Developed custom VB modules using Windows API calls**, utilizing new FSO component.
- **Developed customization of Microsoft Setup/Install tool** to add numerous features for application installation.
- **Open Source software contributor**; provided bug fixes and enhancement to Open Source software.

WEB DEVELOPER, 1995 to Present

KYPRIS SOFTWARE — Dallas, TX — www.kypris.com

Heavily involved in web technology since 1995. Designed, developed, and maintained personal site averaging 17,000 hits per day.

Accomplishment Highlights:

- **Redesigned commercial web site** to increase traffic and exposure.
- **Designed and developed special-interest sports site.** Dan's Field of Dreams Baseball
- **Designed and developed an educational institution site** with over 1,000 registered alumni.
- **Designed and developed site for middle school band.** Web site manager for Downing Middle School Band.
- **Designed and developed 2 celebrity fan sites.**

SOFTWARE ENGINEER, 1999 to 2001

TRANSCORE — Dallas, TX — www.transcore.com

Recruited to provide team leadership of major application redesign of company's core product line of RFID technology supporting toll tag systems for airports, parking garages, and toll roads. **Accomplishment Highlights:**

- **Contributed to six-figure revenue growth as lead developer** of new ground transportation management system (GTMS) software application. Completely overhauled Transcore's PassKey system, a gated parking facility application, to architect new GTMS application targeting airport clientele. Successfully restructured entire system to accommodate major shift in core business model to accommodate new event-driven (vs. dwell-time) operations, delivering an innovative, in-demand product installed in major airports (e.g. Los Angeles, Seattle).
- **Formally recognized for superior performance**; earned "Outstanding Service" honors in 2000.
- **Designed client GUI** in VisualAge Smalltalk to achieve interface with Oracle, DB2, and back-end processor written in C++ within client/server architecture, and served as Envy library supervisor. Efforts resulted in significant improvements to version control, programming efficiency, and cross-developer communication.

IT CONSULTANT / TECHNOLOGY SPECIALIST, 1991 to 1999

Dallas/Irving/Richardson, TX

Selected by boutique IT consulting firms to lead high-profile contract engagements (software/systems development, technical training/support) for Fortune 500 and major accounts including SPRINT, TEXAS INSTRUMENTS, NORTHROP-GRUMMAN, NORTEL, and MCI. Led technical and cross-functional teams in various project phases, including business requirements definition, design, coding, testing, documentation, and implementation. **Accomplishment Highlights:**

IT CONSULTANT, 1991 to 1999 – *continued*

- **Restored full functionality to MIS-critical Smalltalk applications** that were negatively impacting customer service and sales by correcting coding issues and eradicating bugs within Odyssey, GEMS, Order Manager, and Receivables. (*Sprint, 2/99 to 4/99*)
- **Delivered dramatic improvements to speed and efficiency of Indexing framework** within ProcessWORKS application used for advanced process control within semi-conductor manufacturing. Set up customizable processes for various steps and machines used throughout fabrication operations through leading-edge, object-oriented design. Served as QA specialist/test monitor and performed numerous software fixes/enhancements. (*Texas Instruments, 6/97 to 5/98*)
- **Provided 24x7 technical troubleshooting and support** and conquered logistical challenges presented by an 83% reduction in IT staff and aggressive deadlines. (*Nortel, 7/94 to 5/96*)
- **Designed and developed integrated billing system (IBIS)** incorporating multi-tiered price rule definitions into GUI components. Overcame challenges presented by add-on feature requests subsequent to requirements document approval, delivering a widely praised system within compressed timeframe. (*Sprint, 10/96 to 5/97*)
- **Played an integral role in strategizing long-range technical architecture** for company-wide application development. Trained client technology team in advanced OO methods to enable successful completion of pilot project employing corporate-side Manufacturing Execution System using Smalltalk and distributed objects. (*Northrop-Grumman, 6/96 to 10/96*)
- **Analyzed, designed, and developed robust cellular network performance/monitoring system** (using VisualWorks/Smalltalk) that gave client first-ever ability to run complete, accurate performance simulation analysis. Incorporated drag-and-drop network element catalog into layout, enabling efficiency-enhancing re-use for future network layouts and performance testing. Innovative solution greatly alleviated bottlenecks and was well received by client. (*Nortel, 7/94 to 5/96*)
- **Developed departmental intranet site**, with accountability for design, development, and architecture. (*Nortel, 7/94 to 5/96*)
- **Right-sized stalled GUI development project**, creating and implementing user-friendly interface (utilizing C++ on OS/2 platform) to enable crucial support of international telephone line configuration and provisioning system. Identified object-model flaws in class hierarchy for marked improvement in provisioning network element efficiency. (*MCI, 3/94 to 6/94*)
- **Architected object database application** (using C, OSQL, and UNIX scripts) to enhance network resource measurement/management. Developed corresponding GUI application with 9,000+ lines of Access Basic code. (*Texas Instruments, 7/93 to 3/94*)
- **Quickly became self-taught expert in Smalltalk to engineer and launch software supporting digital cross-connect switch**. Coached OO practices/methodology to technical team and innovated equipment redundancy schemes for real-time fault tolerance and general provisioning of digital cross-connect switch devices. (*DSC Communications, 3/92 to 3/93*)
- **Augmented multimedia courseware authoring system** for computer-based training (CBT) by debugging authoring tool and creating software enhancements strengthening instructional presentation. (*Multimedia Learning, Inc., 11/91 to 12/91*)

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MEMBER OF TECHNICAL STAFF, 1984 to 1991

TEXAS INSTRUMENTS — Dallas, TX

Accountable for solution-centered software development and design furthering business goals. **Accomplishment Highlights:**

- **Led application development/implementation** for knowledge-based, interactive signal interpretation and seismic-processing workstation. Investigated human interface issues to facilitate conversion from batch-oriented tasks to interactive tools.
- **Developed, enhanced, and supported Lisp Machine software development tools**, including the Zmacs Editor, Window Debugger, Inspector, Trace, and Stepper tools. Delivered marked improvements to Lisp Machine application command shell after previous failed attempts by other development teams.
- **Integrally involved in development, integration, debugging, and productization** of X Window System server to TI's Explorer Lisp Machine. Additionally, researched, recommended, acquired, and installed first copy of X-Windows System at TI.

EDUCATION & CREDENTIALS

UNIVERSITY OF OKLAHOMA — Norman, OK — **BS in Mathematics**, Minor in **Computer Science**

- **Training:** OO Analysis & Design Using Catalysis (1997), Advanced C++ (1994), OO Programming Using Smalltalk (1992), NeXT Developer Camp (1991), C++ Programming (1991), Graduate-Level Psychology Courses (15 cr. hr.) (1990-1991), Developing Applications for the J2EE Platform (2006), Web Component Development with Servlet and JSP Technologies (2006), Foundations of Sun Java Composite Application Platform Suite (Java CAPS I)(20078)
- **Affiliations:** ACM (1984 to 1995), IEEE Computer Society (1984 to 1995), North Texas Society for Object Technology (1992 to 1995), [International Webmaster Association](#) — HTML Writers Guild (1997 to present), Dallas .NET Users Group (2003 to present)