

Geoffrey M. Price
Software Engineer,
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Distributed & Parallel Systems | Scrum & Agile Methodologies | Mobile Application Development

Detail-oriented programmer and architect with 8+ years' success devising innovative and tailored solutions to meet ever-changing business requirements within diverse industries. Advanced skill with leading-edge programming tools complemented by proven ability to assimilate and rapidly utilize emerging technologies. Solid mathematical knowledge with experience developing comprehensive algorithms and data-processing logic. *Technical proficiencies include...*

Environments

- Windows, UNIX, Linux (RedHat, Ubuntu), Java Enterprise Edition
- *Programming*
- C/C++/C#, HTML5, ASP.NET, Java, JavaScript, JQuery, VBScript, T-SQL, MySQL, UML, XML, Perl, PHP, MATLAB, Simulink, Objective C
- *Development*
- Object-oriented Design (OOD), Agile Development, Project Management, Solutions Architecture, Technical Documentation, Quality Assurance

Professional Experience

SOFTWARE ENGINEER / SOLUTIONS ARCHITECT, 10/2012 to Present
TradeCORE Solutions - San Jose, California

Develop, maintain, and upgrade cutting-edge financial-industry software. Coordinate design and implementation of applications, collaborating with project managers, engineering teams, and client representatives to ensure on-time completion of project deliverables. Provide technical leadership to Junior Engineers, developing overall project architecture. Design Web applications and maintain content for .NET-based systems.

Selected projects include...

- TradeCORE Pro: Developed and supported flagship financial trading application used to facilitate order and cash generation, account balancing, order history tracking, portfolio holdings management, and security fundamentals tracking across a corporate-wide network.
 - Designed server-side components and created servlets and stored procedures; **reduced server load 12%.**
 - Spearheaded creation of cross-platform interface, **seamlessly merging application across UNIX- and Windows-based systems.**
- ContentCORE Server: Spearheaded development of XML content distribution server enabling real-time peer-to-peer connections using JMS and TCP protocols.

- Eliminated costly data loss by implementing message redundancy logic within peer-to-peer system, **significantly enhancing audit performance**.
- Managed ongoing enhancements, including guaranteed message delivery and connection load balancing to **minimize operating costs and improve functionality**.

SOFTWARE ENGINEER, 4/2006 to 10/2012

Magellan Productivity Systems, Inc. - San Mateo, California

Within a collaborative development environment, designed business systems for clients from diverse industries, including healthcare, finance, banking, retail, and human service. Engineered customized features and modules for new applications; devised enhancements and updates for existing application suites. Conducted detailed testing throughout life cycle and resolved system issues. Authored system and design documentation.

Selected projects include...

- Quartermaster Online Banking Engine: Designed and launched key interfaces for a Web-based banking tool for regional financial institution. Coordinated with security specialists, compliance teams, and project managers throughout development life cycle.
 - Leveraged advanced knowledge of ASP.NET to optimize login page; **eliminated 15% of code** while enhancing overall functionality and speed.
- U-Win Converter: Played key role in developing, launching, and enhancing flagship product. Coded data migration logic to ensure cross-platform compatibility.
 - **Created module to enable full integration** with Microsoft Office, which simplified functionality for end users with limited knowledge of databases.
- SEXTANT HR Suite: Charged with coding, testing, and integrating enhanced Web-based time clock / timesheet reporting functions for HRIS system designed for small- to mid-sized companies. Created login, interface, and SQL-based storage and reporting tools.

Education & Credentials

Bachelor of Science in Computer Science, minor in Mathematics, 2001

Regis University, Denver, Colorado

Professional Certifications

Microsoft Certified Professional Developer (MCPD)

Microsoft Certified Solutions Developer (MCSD)

Adobe Certified Expert (ACE) for Developers

Certified Secure Software Lifecycle Professional (CSSLP)

Google Apps for Business Certified Deployment Specialist (CDS)

C Programming Language Certified Associate (CLA)