

David Gabbé

Boston, MA area | dgabbe@acm.org

Summary

Innovative business analyst and technical architect adept at translating business requirements into systems implementations, interfacing new systems with legacy systems, and creating business processes to meet corporate goals. Extensive experience in the *health care, telecommunications, and computer technology* industries. Versatile team leader with strong analytic, negotiating and marketing skills, able to support senior management, lead small teams, and coordinate multiple projects. Over 15 years experience spanning application software development and business process automation.

Technical Skills

Methodology: RUP with UML 1.3, design patterns, Agile Project Management, SOA

Languages: Java, SQL, XML, Python, Shell, perl, HTML, C, JavaScript, Lisp

App Servers: WebLogic, apache, Vitria BusinessWare, BroadVision, ATG Dynamo

Databases: SQL Server, Oracle

Operating Systems: Windows 2000/XP, Linux, Mac OS X, UNIX

Project Experience

Sierra Vista Group, Consultant

Dec 2005 to present

Boutique consulting firm with IT and Management Advisory practices, focusing on both public and privately held, small to medium size companies.

Workers Comp Care Provider, Analyst/Architect

Jan 2006 to Oct 2007

A nationwide leader in the delivery of medical products and pharmacy services to the workers' compensation industry. The company serves both the workers' compensation insurance carrier and the injured worker.

- Performed assessment for the IT department with a staff of 60 handling 1 million transactions/month; documented existing pharmacy business processes and overall IT business architecture.
- Served as interim senior architect to the CIO, provided assistance on CEO and board level issues.
- Proposed and was awarded contract to process out-of-network prescriptions fills.
- Designed second generation financial reporting data mart that consolidated all financial reporting data; developed business rules for generating accurate reports; resolved long term data inconsistencies; designed incremental report update process.

Medical Courseware System, Architect/Project Manager

Dec 2005 to Aug 2007

Web knowledge base for local university's medical school course material. System in transition from binary files to concept tagged XML files.

- Performed technology evaluation to determine how to convert Word documents to proprietary XML schema consistent with open source license of the system.
- Project manager for team of 4 including client's staff; diagnosed, analyzed, and fixed issues on client's servers.
- Designed sophisticated Word template, extended XML DTD, XLST, and CSS components for enhancements and fixed long standing bugs. Proposed improvements to the database to properly handle multiple XML schemas.

Digital Eye Editions, Co-founder/Managing Partner

2004 to Sep 2005

Digital printmaking studio for photographic, fine art, and art reproduction.

- Increased monthly revenue by 50% by selling more services on large orders; reduced the production time in half.
- Expanded client base through monthly open studios, group tours, referrals, and advertising; created marketing materials and web site.

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- Created custom printing and scanning profiles using technically complex tools.

CSC Consulting, Senior Consultant

1998 to 2003

Large global consulting company providing end-to-end technology and management solutions.

New York State Medicaid, Architect

2002 to 2003

HIPAA conversion of 20-year-old IBM mainframe COBOL/ISAM claim adjudication system (MMIS) processing 5 – 6 million claims/month.

- Architected error processing system that spanned MMIS and real-time eligibility and NCPDP systems. Solution complied with HIPAA regulations, Medicaid contractual obligations, and satisfied Medicaid providers.
- Conducted performance analysis of dialup claim submission system; wrote technical briefs to enable CSC to respond with lower cost upgrade.
- Created UML diagrams of HIPAA claims processing architecture that enabled auditors to approve system for production.
- Wrote EDI Supplementary Companion Guides that impressed client and providers with thoroughness, accuracy, and usefulness.

Premier, Architect/Team Lead/Developer

1998 to 1999

Member-owned medical supply and pharmaceutical buying consortium.

- Successfully launched online, tiered medical supply catalog in 12 weeks with only screen shots for requirements using BroadVision 4.0 application.
- Supervised 4 developers; conducted code and design reviews; established bug tracking system.
- Reduced development time by 2 weeks using MVC design.
- Created daily site update process with cross-platform build process.

Genuity, Team Lead/Architect

2000 to 2002

Tier 1 Internet backbone provider offering high-speed Internet and networking services to large corporate and government customers.

- Interim department manager for staff of 12.
- Member of VP future architecture task force.
- Orchestrated an Enterprise Application Integration (EAI) project to deploy broadband service offering. Tied together billing (Arbor), customer (Siebel), ordering (Cygent), and circuit management systems.
- Authored client strategy presentation and reviewed technology assessment.
- Created complex modular configuration of Vitria BusinessWare including network security using ksh, Java, and perl.

Various, Developer

2001 to 2002

- Designed and coded J2EE based financial accounting system with facade design pattern; integrated ATG Dynamo and WebLogic with JNDI; created BNF grammar for XML DTD.

Xionics Document Technologies (now Zoran), Principal Engineer

1996 to 1998

Leading OEM supplier of PostScript and PCL firmware to HP, Lexmark, and Ricoh.

- Wrote software simulation tools to integrate PostScript interpreter into HP 4000/5000/8000 printers; automated bug assignments with perl CGI website.

Avid Technology, Product Specialist

1995 to 1996

World leader in digital media creation tools for film, video, audio, animation, games, and broadcast professionals.

- Authored UI specifications for multimedia authoring tool, analyzed competing authoring products, <http://Frame38.com/resume>

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provided training and demonstrations, and tutorials.

Digital Equipment Corporation, Senior Software Engineer

1982 to 1995

Global manufacturer of computer hardware, operating systems and applications.

- Team lead for 4 developers coding multi-platform PostScript printer driver.
- Instituted TQM process to achieve Capability Maturity Model (SW-CMM) Level 4.
- Corporate PostScript expert and co-inventor of patented layup feature.
- Developed printer status monitor in Visual Basic with MVC design pattern.
- Implemented subsystems for 2 Lisp based logic simulators (CAD).

Education

- Bachelor of Electrical Engineering, **Carnegie Mellon University**
- JVS Entrepreneurial Training Program, 2004
- Computer science courses, Harvard University Extension School, 1986, 1993-1994

Patent

Invented speciality Printing Apparatus and Method for Printing a Plurality of Pages onto a Single Sheet, patent no. 4,928,252

Organizations

The Association for Computing Machinery, Photographic Resource Center