

David Valentine

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Summary of Qualifications

Fast track career with impressive record architecting and building new, cutting edge, systems that helped reduce costs, improve efficiency and shorten development time. Highlights include:

- **Technical Expertise:** In depth, hands-on, experience with many current, important technology solutions and trends. Active, avid technologist both inside and outside the workplace. Areas of expertise include Java, Web, Linux, and XML. Built SOA based web services that reduce development costs, eliminate redundancy, and promote consistency of data across the enterprise.
- **Technical Manager:** Managed several teams, including a global development team that built a sophisticated SOA Web Services system now in use by many front-end consuming applications throughout the Private Bank and Treasury Services. Skilled at sourcing and leading a team of top talent that delivers results. Experienced with managing offshore development teams.
- **Enterprise Architect:** Defined technical hardware and software platforms for the Private Bank. Designed sophisticated web services architecture, and provided blueprint to execute.
- **Problem Solver:** Frequently called upon to analyse, recommend, and fix issues in many different applications. Excellent at implementing innovative solutions while considering inherent risk and impact.
- **Cost-Focused:** Saved the Private Bank 1 million a year in operating costs by building a new document and statement archival application that replaced five legacy systems. Constantly evaluating open source products, server consolidation, and other cost saving opportunities.

Professional Experience

JP Morgan, Chase & Co. Private Bank – Vice President

6/2000 - present

Progressively responsible positions of managerial experience based upon outstanding job performance, contributions, and leadership:

Manager of Private Bank Web Services / Middleware Team

5/2005 – present

Led a team of up to 22 analysts, developers, architects, and testers that created a variety of web services that expose Private Banking data such as account positions and transactions, client relational data, and instrument details. Responsible for sourcing team with specialized skills sets, architecting web services framework, determining SDLC process, designing infrastructure architecture, evaluating, purchasing and working with various web services tools, managing defect management process, defining release processes, and supporting and maintaining the services.

Accomplishments:

- The first web services project was for use by the Morgan Online, client-facing website. Private Bank IT partnered with JPMC Corporate Internet Group to completely insource the previously outsourced site. This saves the Private Bank \$8 million a year, and Morgan Online is now an award-winning banking website providing features and financial data going far beyond the typical retail online banking website. All Private Bank data displayed by the website is sourced from the web services.
- The web services have transformed the organization to a cutting edge SOA shop, providing numerous benefits to both developers of front-end applications and business users of those applications.
- Successfully marketed and established web services as the primary data access method, in use by many internal applications including an investor trading application.
- Additionally managed the middleware straight-through-processing team responsible for providing SWIFT money transfer and fund purchasing capability both outbound and inbound. This is based on the IBM DataPower product, along with iWay, MQ, and WebSphere.

Technical Architect / Architecture Team

1/2004 – 5/2005

Technical Architect for Private Bank technology department. Responsible for reviewing and defining all systems in use at the Private Bank. This included evaluation of all hardware and software products.

Accomplishments:

- Defined a technology matrix of software tools currently in use by all application development groups, including everything from IDEs and APIs to charting tools, and choosing the “buys” and “sells” amongst them. This drove the consolidation of the group onto fewer disparate platforms, and promoted reuse and knowledge sharing.
- Performed thorough application risk analysis. Reviewed an applications software, hardware, code, database design. Also considered team structure and team dynamics, such as key person dependencies.
- Laid out web services architecture and implementation plans. Defined physical architecture including hardware platform, sizing, and performance.
- Active participant and stream leader in capability maturity model (CMM) and software development life-cycle (SDLC) projects. Helped produce templates, rules, and guidelines for all phases of application development and delivery.

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Imaging System Manager

4/2002 – 1/2004

Built a document storage and retrieval system from the ground up for all Private Bank statements and client documentation. Migrated millions of documents from legacy imaging systems to a new platform built on IBM Content Manager product. This required designing custom extraction programs, and then loading programs. Revamped scanning and archiving systems to support new system, as well as including many new validation steps that ensured better data quality upon entry. Performed thorough business analysis to consolidate document classification codes. Managed team of front-end developers developing JSP using Content Manager APIs. Personally designed and developed several web pages, including a client hierarchy tree written in javascript and JSP. Managed team of back-end developers responsible for installing product, loading million of documents, tuning database, and setting up IBM Enterprise Information Portal product that utilized users groups and security.

Accomplishments:

- Led the team that consolidated five systems into one strategic Private Bank statement and document archival and retrieval system.

Java Web Developer for Several Projects

6/2000 – 4/2002

Account Opening – built java library for validation of form input, ensuring that relevant data is entered and special characters are handled. Built report generator for a print friendly format.

Quicken / OFX – developed java servlets that enable Private Banking customers to access their data via the Quicken application.

Private Equity Web Site – created servlets that enable Private Equity statements and reports retrieval via a secure, encrypted, repository protected by two firewalls.

NEC - Software Design Engineer

1/1999 - 3/2000

Java developer that produced web-enabled interfaces on embedded systems and PCs. Server side development with Servlets talking to a back end Informix database via CORBA middleware. Web server development using Apache, Jserv, and Java Web Server. Embedded systems with Set Top Boxes, PJava application tuner and web browser, ATM, OVS, ADSL. Created, digitally signed, and deployed Applets for network management systems.

Accomplishments:

- Designed and implemented an end to end ADSL Video Demonstration System. Client: Sun pJava web browser and tuner on an ATM 25 Motorola STB. Network: An NEC ADSL modem and AM30 exchange, Servlet based web server, CORBA enabled content management system. Server: Oracle Video Server streaming MPEG2 via ATM 155. Involved RTSP, Apache Jserv, Squid, other tools.

Melbourne Information Technology - Technical Programmer: Team Leader

9/1997 – 1/1999

Java developer responsible for designing and implementing an authoring tool application with a SQL server back end. Created a WYSIWYG HTML editing tool supporting many different multimedia object types. Responsible for building, obfuscating, optimising, and ensuring cross platform compatibility between Macintosh, Windows NT, Windows 95, and Linux.

Accomplishments:

- Contributed bringing to market a leading edge, online learning system with Java authoring tools, and an SQL Server back end.

Borland Australia - Technical Support Engineer

7/1996 - 4/1997

Provided 1:1 paid technical consultation (\$2 / min) regarding Borland C++, IntraBuilder, and Paradox for Windows. Involved solving issues ranging from simple installation to multiple product interactions using modern programming techniques. Queries applicable to OLE 2, SQL, STL, and object oriented programming.

Accomplishments:

- Coordinated office move requiring proficiency with NT4 and Novell servers, AT&T PABX system, and knowledge of TCP/IP and IPX.

Borland International - Technical Support Engineer

6/1993 - 6/1996

College Intern/ part-time. Provided 1:1 customer service and paid technical consultation for Borland C++ programming issues.

Education

University of California, Santa Cruz- Bachelors of Science in Computer Science, June 1996.

University of Melbourne, Australia- Junior year abroad, attended computer classes, 1994.