

Bradley Tyler

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Objective

I am currently looking for a contract position as a project manager.

Summary

I have 22 years experience in IT. I have 8.5 years experience in project management, focusing on combined project management and technical team leadership roles in highly technical development projects. I have experience with both Waterfall and Agile software development methodologies.

I am currently contracting at Canadian Pacific Railway (CP) working as a Project Manager on the Scheduled Railway Program – VISTA Project. My roles have included project manager, team lead, lead analyst and analyst/programmer.

Key Strengths

- The ability to manage medium to large projects and I have demonstrated that I can handle more than one project at a time. This ability includes both the hard and soft skills required to do the job.
- Excellent oral and written communication skills.
- The capability with equal facility to operate independently as an individual contributor or as a member or leader of a team.
- Very strong customer focus. I make it a point to understand the business of the client and have the confidence of every client I have worked with.
- Ability to work under a high degree of pressure.
- Very well developed analysis, design, programming and problem solving skills in a variety of different technologies (expert knowledge in Ruby on Rails, PL/SQL, UNIX shell scripting, C, Pro*C, COBOL, Oracle and MySQL).

Education

Queensland University of Technology (QUT)

Brisbane, Queensland, Australia

Bachelor of Business - Computing (with Distinction) — 1989-1992

Other Courses

- MCAD .NET (Microsoft Certified Application Developer for .NET) – course completed - exams not yet taken
- Fast Start in Project Management
- Lead Your Life
- MQ Series Application Programming
- Programming with Visual Basic Professional

Skills

Technology	Last Used	Number of Years	Proficiency
Microsoft Office	Present	17	Expert
Microsoft Project	Present	17	Expert
Microsoft Visio	Present	11	Advanced
Oracle 7.3/8i/9i/10g	Present	15.5	Expert
PL/SQL	Present	15.5	Expert
TOAD	Present	15.5	Expert
SQL Navigator	2006 March	8.5	Expert
SQL	Present	22	Expert
MQ Series	Present	15.5	Expert
Ruby on Rails	Present	7.5	Expert
JSON	Present	3	Advanced
jQuery	Present	3	Advanced
MySQL	Present	9	Expert
Rubymine	Present	3	Expert
UNIX	Present	15.5	Expert
Unix Shell Scripting	Present	15.5	Expert
C	Present	15.5	Expert
Pro*C	Present	15.5	Expert
PVCS	Present	15.5	Expert
Subversion	Present	9	Advanced
Ubuntu	Present	5.5	Expert
Oracle Reports	2006 March	1	Advanced
ASP.NET	2011 January	3.5	Intermediate
C#.NET	2011 January	3.5	Intermediate
ADO.NET	2011 January	3.5	Intermediate
VB.NET	2011 January	3.5	Intermediate
XML	Present	7.5	Advanced
SQL Server	2005 August	1	Intermediate
SSRS	2011 January	3	Advanced
COBOL	2010 January	19	Expert
DB2	2010 January	19	Expert
CICS	2010 January	19	Advanced
IMS	2010 January	16	Expert
TSO	2010 January	19	Advanced
Control-M	2004 July	7.5	Intermediate

Experience

Project Manager (contract) – Scheduled Railway – VISTA, Canadian Pacific Railway (CPR)

Calgary, Alberta, Canada — December 2010 - Present

CP operates a North American transcontinental railway providing freight transportation services, logistics solutions and supply chain expertise. Incorporating best-in-class technology and environmental practices, CP is re-defining itself as a modern 21st century transportation company built on safety, service reliability and operational efficiency.

The VISTA application generates blocking instructions (ABC) and trip plans (Pathfinder), which in turn provides CP with Estimated Time of Arrivals (ETAs) and Estimated Time of Interchanges (ETIs) for rail equipment. The Scheduled Railway – VISTA project's vision is to develop and implement changes within the VISTA application to support increased accuracy and business confidence in the ETAs and ETIs. VISTA is an on-line and batch system, written in CICS COBOL II and accesses DB2 and MQ Series.

Accomplishments

- Between late 2010 and 2012, implemented three large releases in production, all delivered on time and within budget. Annual budget is \$2.1M.
- Greatly increased trip plan coverage and accuracy, delivering benefits 18 months ahead of schedule.
- Managed a team of fourteen: three business subject matter experts, two business analysts, one test coordinator and eight developers.

Project Manager (contract) – Toxic Inhalation Hazardous (TIH) Operations, Canadian Pacific Railway (CPR)

Calgary, Alberta, Canada — December 2009 - February 2011

The TIH Operations project was required to meet regulatory compliance, related to multiple rule makings issued in 2008 and 2009, to enhance hazardous material transportation safety and security. This work automated and enhanced existing processes, and created a more robust, consistent and scalable reporting mechanism for hazardous shipments. It also positioned the reporting environment to create additional reports as needed in the future, building on the foundation developed by this project.

Accomplishments

- Prior to being assigned to the project as project manager and lead technical analyst, the project had gone through multiple project managers and was at serious risk for significant cost overruns and not meeting requirements or time-lines.
- Focused the IT sub teams and their work to finally deliver products that the business could use.
- Provided technical and subject matter expertise that improved the final quality of the products that were delivered.
- Successful in getting the budget and time-lines back on track.
- Received a Gold Traction Award as a token of Safety, Environmental and Regulatory Affairs appreciation.

Project Manager (contract) – Toxic Inhalation Hazardous (TIH) Product Design, Canadian Pacific Railway (CPR)

Calgary, Alberta, Canada — December 2009 - December 2010

The primary objective of this project was to meet the regulatory requirements related to "Enhancing Rail Transportation Safety and Security for Hazmat Shipments" (PHSMA-RSPA-2004-18730). In order to complete annual route assessments as legislated, a major enhancement was required to develop a new Hazmat Module for MultiRail Enterprise Edition (MREE).

Accomplishments

- Brought onto the project to ensure deliverables and targeted time-lines were met (when I was assigned to the project, it was six months behind schedule and over-budget).
- To fast track the build phase, introduced an iterative approach to the project team, which contributed immensely to ensuring the requirements were well understood and the business' expectations were met.
- Ensured scope, budget and time-lines were met by adding more rigor to the development life cycle.

Project Manager (contract) – Equipment Management Information System (EMIS), Canadian Pacific Railway (CPR)

Calgary, Alberta, Canada — March 2006 - November 2009

The Equipment Management Information System (EMIS) Project was a rail industry initiative that began in 2003 to replace the UMLER equipment master file with a new data structure as well as a new communication infrastructure for real-time data updates. The project was broken into three phases and spanned multiple years. EMIS is an on-line and batch system, written in ASP.NET, C#.NET, C/Pro*C, PL/SQL and UNIX shell scripts, accessing Oracle and MQ Series.

Accomplishments

- Brought onto the project as project manager and lead technical analyst to get a very troubled project back on track (e.g. Non-scalable solution, over-budget and a very displeased business client).
- Audited the EMIS Phase 1 solution and with IT and business approval, as well as the support of a strong technical team, re-developed both the front-end and back-end solution in 4 months (including PROD implementation).
- Developed and implemented EMIS Phase 2 on time and within budget.
- Developed and implemented EMIS Phase 3 a full one year ahead of the other participating Class 1 railways and under budget.
- Received a Certificate of Excellence for exceptional performance and exemplary contribution to EMIS Phase 3 Delivery.

Senior Analyst Programmer (contract), Queensland Investment Corporation (QIC)

Brisbane, Queensland, Australia — July 2005 - March 2006

QIC is a leading institutional funds manager with over \$50 billion in funds under management for a range of public and private sector clients, including major superannuation funds.

The PACE Exploitation/PDW Decommissioning project was responsible for moving users' day to day processes from the legacy database to the new Oracle 9i database. The OSCAR Analyst Reports project was responsible for getting OSCAR (SQL Server) and PACE data (Oracle) into excel templates to allow analysts to write company reports.

Accomplishments

- Developed Oracle reports, JSP pages and Java XML web services.
- Utilized PocketSOAP, VB, VB Forms, VBA and Java Beans to allow Excel spreadsheets to interface with web services.

Senior Analyst Programmer (contract) - Revenue Information Management System (RIMS) Technical Support Team, Brisbane City Council (BCC)

Brisbane, Queensland, Australia — October 2004 - July 2005

RIMS is a rates and utility charges, levying and general receipting system, allowing Council to manage the rating process and receipting of all monies due to its business units. It is written in Centura, Java, PL/SQL, UNIX shell scripts and accesses Oracle 9i.

Accomplishments

- Proven ability to work under pressure and meet deadlines.
- Primary middle layer (PL/SQL) developer for multiple projects.
- Assisted others in tuning PL/SQL code for performance.

Project Manager (contract) – Equipment Movement Events/Corporate Shipment Database (EME/CSD), Canadian Pacific Railway (CPR)

Calgary, Alberta, Canada — November 2002 - July 2004

EME/CSD is responsible for populating Oracle subject area databases with equipment movement events and shipment information. It is a high volume on-line and batch system, written in ASP.NET, VB .NET, C/Pro*C, PL/SQL, UNIX shell scripts and COBOL II, accessing Oracle, MQ Series, IMS and DB2.

Accomplishments

- EME Corrections, a 2003 project with a \$1.5 million dollar budget, was completed on time and \$260,000 under budget.
- Managing multiple projects. Typically, managing 5 to 10 projects simultaneously, ranging in budgets between \$10,000 and \$300,000.

Project Manager (contract) – Train Subject Area Database/Common Track Network (TSD/CTN), Canadian Pacific Railway (CPR)

Calgary, Alberta, Canada — March 2004 - July 2004

TSD/CTN is responsible for populating Oracle subject area databases with train events, train schedules, train plans and track information. TSD/CTN is an on-line and batch system, written in C/Pro*C, PL/SQL, COM and UNIX shell scripts, accessing Oracle and MQ Series.

Accomplishments

- Managed multiple projects. Typically, managing 5 to 8 projects simultaneously, ranging in budgets between \$20,000 and \$550,000. I managed both the TSD/CTN and EME/CSD teams at the same time.

Team Leader/Lead Analyst/Senior Analyst/Programmer (contract) – Equipment Movement Events/Corporate Shipment Database (EME/CSD), Canadian Pacific Railway (CPR)

Calgary, Alberta, Canada — June 1997 - November 2002

Accomplishments

- Mentored team members in programming techniques, SQL query optimization and understanding business processes.
- Developed in C, Pro*C, PL/SQL, UNIX shell scripts, Oracle, MQ Series and COBOL DB2/IMS.

Systems Specialist - Temporary Position, Canadian Pacific Railway (CPR)

Calgary, Alberta, Canada — December 1996 – June 1997

Accomplishments

- Developed and supported the Shipment Management System (SMS), which maintains shipment trip plans (local and interline) for all CP rail and intermodal equipment. SMS is an on-line and batch system, written in COBOL II and accesses MQ Series, IMS and DB2.

Programmer Analyst - Specialist 2, TELUS Communications

Calgary, Alberta, Canada — June 1994 - December 1996

TELUS Communications is one of Canada's leading providers of data, Internet Protocol (IP), voice and wireless communications services.

Accomplishments

- Supported the Facilities Management System (FMS), which maintains TELUS' facilities for Alberta. FMS is an on-line and batch system, written in OS/VS COBOL and COBOL II, accessing IMS and DB2.

Computer Systems Officer (P02), Human Resource Systems Branch (HRSB) - D.E.V.E.T.I.R.

Brisbane, Queensland, Australia — December 1992 – March 1994

HRSB is responsible for maintaining the payroll and personnel systems for all Queensland government employees.

Accomplishments

- Re-developed the Q Super Superannuation weekly batch process. The original process was unreliable and required 20 to 30 hours per week of manual intervention to reconcile. The new batch process consistently balanced and required no manual intervention.
- Developed a suite of CSP applications to improve Human Resource Management System (HRMS) usability and enhance performance.

Casual Computer Systems Officer/Co-operative Education Employee, Centre for Information Technology and Communications (CITEC)

Brisbane, Queensland, Australia — January 1991 – December 1992

CITEC is the primary technology service provider for the Queensland Government delivering both whole-of-government and agency specific ICT services. CITEC's range of ICT services include: data centre services, infrastructure services, network services, solutions integration services and information brokerage services.

Accomplishments

- Responsible for the maintenance of RACF Forms Automation System (RFAS), which is an on-line CSP menu based system for control of RACF security at CITEC.
- The RFAS/RACF Discrepancy System, my third year project, was undertaken at CITEC. Written in COBOL, it is responsible for maintaining integrity between the RFAS database and the RACF database.

Various Positions

September 1979 - December 1990

- General clerk for Canada Safeway, perishables manager for Woolworths Australia, Stand Chief for Mister Minit Australia, construction laborer and cleaner. Details available on request.

Hobbies/Interests

- Weight lifting, walking, jujitsu and spending time with family.
- Ruby on Rails (with MySQL) development.

References

Available upon request.