



## MARY RICHARDSON

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### Information Technology Manager

Ten years' experience in planning, developing and implementing state of the art information solutions facilitating corporate growth. Lead cross-functional teams with diverse technical backgrounds. Designed budget controls. Adept at consensus building, crisis management, problem-solving and negotiating. Well-rounded IT background of infrastructure management (networks, systems, web-hosting) and software development management, MS in Computer Science.

### Strengths

- **Strategic Thinking** – Secured \$3,000,000 in capital funding over 2-year period with estimation that project will add \$17,700,000 in value through error-rate reduction and product improvement.
- **Innovation and Creativity** – Championed use of JAVA, CORBA based multi-tiered application architectures, Object-oriented Analysis and Design, UML, and RUP, many of which have now been used company wide.
- **Risk Taking and Risk Management** – Met all target goals by identifying and tracking high-risk areas, by implementing risk mitigation early and contingency plans as needed, through proof-of-concept technical and architectural prototyping, and by maintaining constant communication with program/project stakeholders.
- **Results Orientation** – Turned around key project that was one year behind schedule and met and exceeded all goals and objectives. "We achieved B+ results with C- resources." Adept CP of Biotechnology and Program Sponsor.
- ***Met all target goals and deadlines within or below budget.***

### Education

University of Melbourne

MS in Computer Science, 1995

BS in Computer Science, 1990



## **Professional Experience**

### **Program Manager, Data Management and Decision Support Systems | Alpheius Global Enterprises**

2000 - Present

Developed IT vision and budget estimates (total \$4.5 million) for proposed project. Co-wrote project proposal and developed project execution, staffing, architecture and capacity plans. Project approved.

Expect project results to improve intellectual property protection for company products, valued at \$1 billion.

### **Program Manager, Biotech and Molecular Breeding IT Systems | Alpheius Global Enterprises**

1998 - 2000

Developed national and international program vision, long-range plans and goals and managed stakeholder and sponsor communication. Improved cost and schedule predictions of software projects utilizing estimation and application sizing methodologies. Reduce risk of downtime in high-throughput environment preventing potential loss of hundreds of thousands of dollars. Established best practices for software development projects at organizational level.

## **Technical experience**

Programming/scripting: Java, C/C++, C# (NET), XML, SQL, tcl/tk, Expect, Perl/tk, and Pascal

Database: Oracle 8.1x

Middleware: Inprise Visibroker

System Design: Object-Oriented Analysis & Design, E-R Modelling, Data Warehousing

Office / Project Software: Microsoft Office, Microsoft Project, Visio