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Director SoftOz Australia Pty Ltd.
<http://www.SoftOz.com>
French & Australian citizenship.

SUMMARY

A seasoned consultant and Subject Matter Expert in the resource industry, I have a focus on operational improvements.

I have worked for major corporations such as BHP and Vale, resulting in ongoing savings of millions of AUD per annum but also sorted specific issues in much smaller enterprises and R&D environment.

A troubleshooter at heart and a polymath, I have worn many hats

- developer, team leader, project and program manager, researcher, entrepreneur across many domains:
- Research, mining, oil and gas, logistics, manufacturing, gaming, insurance, telco, air traffic control and defence.

My experience taught me that my real value lies in solving business problems using lateral thinking. I will:

- leverage new and disruptive technologies to provide innovative IM based solutions,
- think Big, and deliver,
- be hard working and a real team player.

With a strong science, maths and engineering academic background and a focus on IT systems, I can speak IT geek in all its flavors, as well as boardroom talk.

Should the need come, I can jump in and code in java or on .NET with extensive knowledge and a background to prove it.

My focus is always on business relevance, I do not thrive on credits or titles.

I am looking forward to new opportunities either in my current domains of expertise or in challenging exciting new frontiers within a dedicated team.

Together, we would think outside the box and implement problem solving solutions; solutions built on new processes, applications, custom developments, architecture, or more often than not a mix of the above.

PROFESSIONAL BACKGROUND:

Coal Mining: Business Analyst

Aug/Sept. 2015 **BHP Mitsubishi Alliance (BMA)**
Brisbane

Contract: Short BA role in the Operational Team.

Coal Mining: Consultant Coal Tracking

Oct. 2012 to **Maptek (Maptek)**
June 2015 Brisbane

Contract: Provide expert advice and hands-on advice to Maptek's greenfield implementations of Coal Tracking System (CTS) in BMA's Caval Ridge as well as support on Hay Point and Blackwater existing instances of the stockpile modelling software.

Assisting Maptek as the hands on Subject Matter Expert in coal tracking for CTS design, implementation and integration for the new BMA sites in Caval Ridge: one crushed coal stockyard and one railing product stockyard.

Coal Mining: Senior Analyst Coal Mining Systems. Operations optimization, ARIS, Governance, Architectural planning, Oracle, .NET framework.

July 2008 to **BHP Mitsubishi Alliance (BMA)**
Sept. 2012 Brisbane

Contract: Plan Pillar key application architectural role focusing on Process Improvement, Governance and establishing future IT directions for the company within the corporate framework and in liaison with site operational teams.

Also performed hands-on Coal Tracking System Greenfield setup, support, integration and improvements.

For four years, I have held a multifaceted position leveraging a substantial expertise in the mining industry.

- *Member of the Plan Pillar team, building and updating governances, reviewing and offering recommendation to proposed architecture designs: infrastructure and applications as well as Office of BPM draft setup.*
 - *I was the in-house application SME interfacing with multiple external solution providers specializing in R&D and innovative new operational systems.*
 - *Acting as a liaison with site operational teams to assess their IM needs and provide company and corporate governance feedback.*
 - *And as the original designer of BMA Coal Tracking System, ongoing support and integration of the existing 3D stockpile quality modeling system within BMA port systems upgrades (Mine to Port) and in preparation of new green field sites.*
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Nickel Mining: Consultant, B.A. -Technical Lead then Project Manager.

**Multi sites/multilingual work on the Goro greenfield project in New Caledonia;
ITIL;**

Feb 2005 to **Goro Nickel Mine ([Vale-Inco](#))**
July 2008 Brisbane/Nouméa

Contracts: Business Analyst, Business Process audit, Data Flow analysis, Test Plan, ITIL Helpdesk reengineering and structure/organization/procedure setup

Contract: Planning of applications handover from the construction phase (mostly Brisbane based) to the operational phase (on site)

Over two years, review of the existing processes in place within the mine, then recommendations and implementation of the recommended workflows with matching systems to streamline data flow.

This involved working in environment as diverse as New Caledonia exploration camp or Brisbane corporate offices in, site construction camp to local headquarters in Nouméa interacting with all stakeholders from truck drivers to corporate representatives.

This assignment also included a 6 month helpdesk setup and implementation phase following ITIL guidance: tool selection, process mapping and procedure setting/training/commissioning.

Coal Mining: Nexsys Risk Management system

International customers liaison, ACARP, JCoal, Risk Management, Real Time, Rules engine, IIS, .NET framework, C# , ASP.NET, 3D visualisation, Web Service, MS SQL Server, NUnit, log4N,X3D,

End 2003 **CSIRO,**
to **Exploration and Mining division. (www.dem.csiro.au)**
April 2007 Queensland Centre for Advanced Technologies

Contract: Nexsys Architect/Nexsys Project Manager

In charge of the initial architecture, implementation and on-site installation of Csiro's Nexsys: a .NET distributed monitoring system for underground mining handling 3D Risk Management system for underground coalmining Leadership, architecture, design, implementation and on-site installation of Nexsys Phase I

Contract : Nexsys Software manager:

Design, specs and implementation Nexsys Phase II and III. On-site installations and field trials in Australia (Qld, NSW) and Japan. Customer training and interactions.

During these four years, I prototyped, designed and implemented the vision of a CSIRO manager Greg Rowan (a former Mine Manager and U/G safety expert) to build a system proactively monitoring underground risks;

This project was done in partnership with CSIRO, ACARP and JCoal with reviews and inputs from these bodies and site installations in Japan and Australia.

Once completed, the software was on sold for commercialisation to [Mining Logic Solutions](#) .

Logistics: Contractor
Java, Swing, MS SQL Server, JUnit, JDBC, log4j, XSLT, XML

June to **BUS-e Solutions P/L.**
end 2004 (www.bus-e.com.au)

Contract: Random Weight Summary Entry. System entry screen implemented in half the estimated time/cost.

Contract: XSLT engine framework for automatic translation of xml files and workflow feed.

Coal Mining: Contractor
Java, J2EE, Ant Xdoclets, Jboss, XML, MySQL, Castor, Eclipse, JUnit

June **CSIRO, 3D Visualisation Unit**
to **Exploration and Mining division.** (www.dem.csiro.au)
Aug. 2003 Queensland Centre for Advanced Technologies

Contract: Architecture, design and delivery of a message based framework enabling data collaboration and distribution on a distributed architecture within a virtual mine.

Oil industry: Architect,
Java, Web Services, J2EE suite, Tomcat, XML, XSLT, XSQL, Xalan, Jbuilder7, Documentum API, Ant, JUnit, B.A. work

July 2002 **BP Refinery Kwinana Pty Ltd.**
To Apr. 2003 **Bulwer Island Site**

Contract: Architecture and implementation of the back end side of a Web Service storing Excel spreadsheet data into an oracle DB.

Contract: Business analyst, architecture, implementation, test and deployment of an Intranet based on line documentation search and management system. Any data stored as a file (word, excel, text file, etc) or one of the various DB (Access, Oracle, custom) is searchable and can be presented to the end user via the intranet.

Various: Troubleshooter: Java, J2EE, Apache and Servlets, Ant
June **Institution of Engineer, Australia**
2002 **Upper Edward Street Brisbane, 4000**
Contract: Apache troubleshooting and on line payment software fixes.

Finance: Java2, EJB, J2EE, JSP, JDBC and Javascript. Weblogic /Toplink. DB2, Ant. Some STRUT

Oct. 2001 **Suncorp Metway Ltd.**
Mar. 2002 (www.suncorpmetway.com.au)

Contract: Back end online insurance development with **Netroworx** for **Suncorp Metway..**

Gaming: **Java ,J2EE suite. Work with Resin and Jbuilder Enterprise. BEA Weblogic. MySQL / SQL Server, Ant**

May 2002 **Wildfire Studio Pty Ltd.**
(www.wildfire.com.au)

Contract: Load Test and internationalisation of a Gaming development.

Aug/Sept 2001 **Eyecon Pty Ltd.**
(www.eyecon.com.au)

Contract: Online casino framework development for a US company.

Open Cut Mining: Contractor

Feb 2001 **CSIRO, Exploration and Mining division.**
to **Exploration and Mining division.**
Aug. 2001 (www.cat.csiro.au)

Contract: Design & development of an application for the management, analysis and 3D display of mining data sets obtained via laser and photometry.

Telco: 100% **Java2, J2EE** above a custom framework.

May 2000 **ADC Software Systems Australia Pty Ltd.**
Jan. 2001 (www.adc.com)

Contract: Web enabling an ADC leading edge Telco billing product.
Set up of a framework accessed via JSP, JavaBeans and servlets using **JRun and Apache/Tomcat.**

Oil/Gas industry: Contractor, Java2, C++, Geolog,

Sep. 2000 **Paradigm Geophysical Pty Ltd.** (www.paradigmgeo.com)

Contract: Design & development of a Web based search of well exploration data among several distributed sites. Corba bridge between Paradigm's C++ Geolog application and Xerox AskOnce java wrappers. Challenging design.

Mining: MineStar Java3d expert/Architect
100% **Java, Swing, Corba, VRML,3D and RT development. Ant**

April 98 **Mincom Pty Ltd/Caterpillar**
to May 2000 (www.mincom.com now www.ventyx.com)

Senior Software Engineer for the [MineStar](#) joint venture between **Caterpillar/Trimble/Aquila/Mincom:**
Initial architecture design and implementation of a real time Java 3D client and matching server application performing a mining site fleet monitoring.

Coal: **Senior Technical consultant:**
Client/Server design/implementation, 3D, MFC library, **Visual C++**, **Open Inventor 3D** tool (based on **Open GL**), **VRML**, **SQL DB**, **Crystal Reports**, **Real Time programming**.
Sept. 96 **Softworks Australia Pty Ltd, Brisbane**
to April 98

In close relationship with BHP IT, architect of the design and implementation of Softworks' Bulk Materials Management System.

The **IP** was on sold to **BHP IT as Coal Tracking System** and I ended up involved in improving this system for BMA from 2008 to 2015.

--- Previous roles ---

Telco: 95/96 **CiTR Pty Ltd, Brisbane**
Call center software development. Prototyping of a **Java (in 1995!)** remote access interface for a UNIX based application.

ATC: 94/95 **The Preston Group, Melbourne**
TAAM (Total Airspace and Airport Modeler) a simulation **Air Traffic Control** software used by worldwide aviation authorities.
91/94 **ALCATEL, France**
SONATE software implemented for Aéroports De Paris (A.D.P).

IT expertise:

Probably too numerous to list but among others

Object Oriented Languages: .NET/C#, Android, **J2EE/Java/Java3D/Swing/JSP/Servlets**, C++ and ASP.NET, Open Inventor....

Others: UML, XML, XSLT, C, VBA, VB, PASCAL, PROLOG, LISP, BASIC, INTEL assembler; Android development.

Web servers: IIS/Apache/Tomcat/JBoss/JRun/Resin/BEA App server

DB: MySQL, XSQL,MS SQL Server, SQL, Access, ORACLE, DB2, DBASE, NOMAD

Graphics: SVG, X3D/VRML, OpenGL, Win32 MFC, X11 & OSF-MOTIF graphical environments,

Systems: UNIX/WinNT/W2K/XP, PICK, MS-DOS & Concurrent DOS;

Communications: Web Services, SLIP, PPL,SSL, SNMP, CMIP, OSI layers, RS232, X25, TCP/IP Ethernet

Tools: MS office suite, MS project, Visio, Jira, SVN, Visual and Android Studio, ARIS (EPC), some BPMN.....

FOREIGN LANGUAGES:

English, French (Native), some **German**.

EDUCATION:

- 87- 90: “INGENIEUR ENSI de CAEN” degree.
Graduate engineer (Master/PhD level: 5 year French university)
“Information Technology, Artificial Intelligence & applications”,
with honours. ISMRa-ENSI de CAEN (www.ensicaen.fr)
- 85-87: Preparatory sciences classes for French “Grandes Ecoles”
in REIMS; Higher and Specialised Math: Math. Sup. & Sp. T’.
- 85: **Baccalauréat E** with distinctions in Math, Sciences and Eng.

2007 ITIL foundation certified in ITIL: IT Service Management;

Air Force

90/91 Villacoublay

Mandatory French National Service as “**Army Scientist**“(R&D) with officer
rank for the Nuclear Tests headquarters center (DIRCEN)

Much traveled in Europe, North America, Japan, Australasia and Pacific islands.

Director and principal consultant of SoftOz Australia Pty Ltd.

Budding entrepreneur: <http://www.myworkingapp.com>

For the latest information: <http://www.SoftOz.com>