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Summary

I am a pragmatic, delivery-focused consultant. I pride myself in navigating between the two objectives of architecturally sound solutions whilst still delivering tangible business value.

I have more than 15 years of experience in Data and Analytics and have worked in verticals ranging from Education to Utilities and pretty much everything in between!

Whilst being focused on business outcomes, I have also had broad experience across traditional technologies and cloud-native technologies from AWS, Azure and GCP

Experience

Altis - Delivery Lead

Pacific National

Oct 2020 - Present (1 year 1 month +)

Technical lead on a project to transition PN from a legacy EDW to a cloud based, Azure reporting platform whilst ensuring business continuity in the operational, and self-service, reporting area of the business

Altis - Delivery Lead

Altis Consulting

Feb 2004 - Present (17 years 9 months +)

I have worked for Altis Consulting from 2004 to now and progressed from Consultant to Delivery Lead in this time. A brief list of the technologies, clients and projects I have delivered in this time is available below.

Altis - Data Architect

Transgrid

Jul 2020 - Sep 2020 (3 months)

This engagement helped TransGrid plan their transition from a legacy, on premise EDW to a cloud based, modern reporting platform whilst ensuring business continuity in the operational, and self-service, reporting area of the business

Altis - Technical Lead

icare NSW

Mar 2018 - Jul 2020 (2 years 5 months)

During my engagement with icare I have delivered a solution to provide compliance data to the State Insurance Regulatory Authority (SIRA). I was also the Technical Lead of the Enterprise Data Warehouse. The role involved the following:

- Estimating and Planning
- POC using Matillion and Snowflake
- Managing a tech team of 10 Informatica developers

- Refinement of the existing ETL Framework
- Release and code management

Both projects were integral to the formation of the department, ensured that the regulatory objectives were met and the business users had access to the necessary data to run and develop the department

Google Cloud Platform - Practice Lead (Australia)

Altis Consulting

Apr 2019 - Feb 2020 (11 months)



Altis - Delivery Lead

NSW State Insurance Regulatory Authority

Dec 2017 - Feb 2018 (3 months)

Information management strategy engagement, guiding SIRA-HBC from current state to future state including:

- Project Management
- Education of staff in Data Warehousing, Business Intelligence and Information Management.
- Bus matrix creation.
- Structure and role definition.
- Running user workshops and requirements prioritisation exercises.
- Low latency data exchange between HBC and insurers via APIs
- Five-year roadmap definition.

Primary objective was to deliver an actionable roadmap that will ensure SIRA-HBC will be able to regulate and provide a service to HBC Insurers.



Altis - Delivery Lead

Baycorp

Sep 2017 - Dec 2017 (4 months)

Information management strategy engagement, guiding Baycorp from current state to future state including:

- Project Management
- Education of staff in Data Warehousing, Business Intelligence and Information Management.
- Bus matrix creation.
- Running user workshops and requirements prioritisation exercises.
- Roadmap definition.
- Definition of AWS architecture.

Primary objective was to guide Baycorp with an actionable roadmap.



Altis - Delivery Lead

Coal Services Pty Limited

Sep 2017 - Dec 2017 (4 months)

Migration of existing SSRS operational reports and dashboards from a legacy premium reporting method to a wage category premium calculating approach.

Reporting enabled analytics against industry baseline for both Mine Managers and CEOs



Altis - Project Lead

NSW State Emergency Service

Jun 2017 - Sep 2017 (4 months)

Data warehouse project to facilitate effective incident management during emergency. Tasks included:

- User Requirements gathering and documentation.
- Design of a greenfield data warehouse, hosted in Azure and delivered as a service to SES
- Rapid POC development and iteration
- Project Management.
- Definition of Azure architecture.

Primary objective was to ensure effective incident management and media reporting.



Altis - Trainer

Transport for NSW

May 2017 - Sep 2017 (5 months)

Development and delivery of a custom, Data Visualisation course. The course was technology agnostics and focused on best practice techniques to ensure that information is not lost in the data.



Altis - Project Lead

UNSW Global

Jul 2016 - Jun 2017 (1 year)

Information management strategy engagement, guiding UNSWG from current state to future state including:

- Project Management
- Education of staff in Data Warehousing, Business Intelligence and Information Management.
- Bus matrix creation.
- BICC structure and role definition.
- Running user workshops and requirements prioritisation exercises.
- Three-year roadmap definition.

Primary objective was guide UNSWG with an actionable roadmap.



Altis - Delivery Lead

Optus

Dec 2015 - Jul 2016 (8 months)

Delivery of the Subscribe Migration solution to monitor the commercial aspects of moving Optus customers to the NBN. Technologies used included Cognos and SQL Server Integration Services.



Altis - Project Lead

Qube

Apr 2015 - Aug 2015 (5 months)

Green field Data Warehouse build, Microsoft Technology stack augmented with Tableau for data visualisation. Primary business driver was enhanced analysis of Voyage margin in the bulk business area of QUBE.



Altis - Delivery Lead

Transport for NSW

Aug 2014 - Oct 2014 (3 months)

Delivery of a real-time data service containing NSW traffic data via a range of custom APIs. The RESTful APIs enabled users to request a route between two points and then obtain updated travel times as they proceeded on their journey whilst factoring into the travel time known traffic incidents and the resulting congestion. Underpinning technologies leveraged SQLstream and Google APIs
Ultimate consumers of the data were mobile devices with custom built apps to request travel time estimates for specific routes.

The primary business driver was to resolve Sydney traffic congestion by the sharing of real-time data



Altis - Principal Consultant

Pepper Money ANZ

Jun 2014 - Jul 2014 (2 months)

Information management strategy engagement, involving the review of existing Pepper data warehouse and internal processes, including:

- Best practice review of the existing DW model.
- Review of standards relating to data quality, reconciliation to source, ETL failure recovery etc.
- Cognos DW appliance implementation road-map
- Plan for decommissioning of legacy MSSQL reports.
- Facilitation of innovation workshops with senior executives
- Three year, costed road-map to transition them from current state to the desired future state.



Altis - Principal Consultant

University of the Sunshine Coast

May 2014 - Jul 2014 (3 months)

Information management strategy engagement, guiding USC from current state to future state including

- Education of staff in Data Warehousing, Business Intelligence and Information Management.
- Kimball Bus matrix creation after analysing The USC business activities.
- BICC structure and role definition.
- Running user workshops and requirements prioritisation exercises.
- Facilitation of innovation workshops with senior executives
- Three year, costed road-map to transition them from current state to the desired future state.



Altis - Principal Consultant

Australian Institute of Company Directors

Mar 2014 - Apr 2014 (2 months)

Data warehouse project to facilitate analysis of the AICD membership, increased retention and delivery of KPIs :

- User Requirements gathering and documentation.
- Design of a new greenfield data warehouse using the Microsoft Business Intelligence stack.
- Management of testing and release process.
- Management of the development team.



Altis - Principal Consultant

DP World

Feb 2014 - Feb 2014 (1 month)

Strategy project reviewing the existing staff rostering solution. Objectives related to increased process efficiency when generating or modelling staff rosters.



Altis - Principal Consultant

University of Technology Sydney

Oct 2013 - Dec 2013 (3 months)

Lead consultant on two projects relating faculty level KPI reporting and student data mart design to facilitate student lifecycle analysis by cohorts:

KPI

- Framework creation using WhereScape Red and Oracle
- Rationalisation of existing KPI reporting solution

Student Data Mart

- Requirements Definition
- Data discovery
- Physical data model design
- Pathway and cohort modelling
- Detailed design of ETL processes



Altis - Principal Consultant

Harvey Norman

Aug 2013 - Sep 2013 (2 months)

Information management strategy engagement, guiding Harvey Norman from current state to future state including:

- Kimball Bus matrix creation after analysing Harvey Norman business activities.
- Data governance guidance and education.
- SAP technology recommendations, including HANA
- BICC structure and role definition
- Running user workshops and requirements prioritisation exercises.
- Architecture of the Point of Sale system(s) integration to the Data Warehouse via an ESB



Altis - Principal Consultant

Transgrid

Dec 2010 - Aug 2013 (2 years 9 months)

Architect and Tech Lead of a new Data Warehouse using WhereScape RED and Microsoft Business Intelligence stack of technologies:

- Kimball Bus matrix creation after analysing TransGrid business activities.
- Education of TransGrid staff in data modelling and visualisation methodologies
- Delivery of KPI Reporting dashboard using Performance Point
- Use of Agile project delivery techniques
- Delivery of the following subject areas, HR, Asset Management, Supply, Warehousing, Contracts and Projects



Altis - Principal Consultant

Lendlease

Nov 2007 - Nov 2010 (3 years 1 month)

Team Lead at Lend Lease Management Services Ltd, where I have delivered the following projects using Informatica and the Microsoft Business Intelligence stack of technologies:

- Global MIS Solution facilitating construction project budgeting and forecasting
- Global Safety KPI Reporting to ensure that safety remains the number one priority of LendLease
- Global Sustainability KPI Reporting solution and supporting Data Quality reporting.
- Global Hierarchy and Security Management Tool to underpin the solutions above.

Altis - Senior Consultant

Vodafone

Oct 2007 - Nov 2007 (2 months)

KPI Dashboard Consolidation Project:

- Creation of functional specification.
- Data modelling using Erwin to create logical and physical models.
- Development of Teradata data model
- Hyperion 8.3 development to load KPI data from flat files into an enterprise model

Altis - Senior Consultant

Mission Australia

Aug 2007 - Oct 2007 (3 months)

Data warehouse project to facilitate analysis of donating patterns within donor segments:

- User Requirements gathering and documentation.
- Design and specification of a new MS SQL Server 2000 data warehouse.
- ETL design and development using Cognos Data Manager.
- Management of testing and release process.

Primary objective was to ensure donor could be effectively transitioned between segments of different values.

Altis - Senior Consultant

The Janssen Pharmaceutical Companies of Johnson & Johnson

Mar 2007 - Aug 2007 (6 months)

Sales subject area in the existing data warehouse to facilitate analysis of sales representative activity against sales in geographical areas:

- User requirements gathering and documentation.
- Design and specification of the Oracle data warehouse.
- ETL design and development using Cognos Decision Stream.
- Cube development using Cognos Transformer.
- Management of testing and release process.

Primary objective was correlate sales representative activity with prescribing patterns in a geographical area

Altis - Senior Consultant

AusAID

Feb 2005 - Feb 2006 (1 year 1 month)

The following projects were delivered using DataStage 7.5, Microsoft Business Intelligence suite, and Hyperion 8.2:

- Student data mart to enable tracking of overseas students and their academic results

- Aid Works data mart to enable analysis of project spend

Tasks

- Data modelling
- Creation and integration of SQL Server 2000 cubes into the Data Mart ETL process.
- Data mart ETL design, development and testing.
- Data quality review of production Student Management system.
- Dashboard development providing users adhoc analysis functionality



Altis - Senior Consultant

Australian Border Force

Sep 2004 - Feb 2005 (6 months)

- Installation and customisation of Hyperion Performance Suite 8.3.1
- Customisation of Hyperion JDBC Driver to utilise a Teradata backend for authentication.



Altis - Senior Consultant

FaCSIA

Aug 2004 - Sep 2004 (2 months)

Preparation of long term reporting strategy document and metadata solution.



Altis - Consultant

CSIRO

May 2004 - Aug 2004 (4 months)

- Development of proof of concept reports using Hyperion Designer 8.2.
- Administration of the Hyperion Performance Suite 8.2.1 installation.
- Integration of published Hyperion reports using single sign
- Ad Hoc analysis Dashboard.



Altis - Consultant

Vodafone

Jan 2004 - May 2004 (5 months)

Partner remuneration operational reporting project requiring the development of reports using Brio Designer 8.1.



Senior Analyst Programmer

Aussie

Sep 2001 - Feb 2004 (2 years 6 months)

- Data warehouse Design and Development
- NADIS Onlooker for name and address matching
- Data quality management within the data warehouse
- Data mart ETL design, development and testing
- Creation of Loan Application interfaces between Aussie Home Loans and lenders using BizTalk
- Design and development of management reporting solution
- Creation of Aussie Home Loans coding standards



Analyst/Programmer

InfoSphere B.V.

Jul 2000 - Sep 2001 (1 year 3 months)

Development of the following solutions:

- Sydney Opera House Rostering Database
- Sussan Grey Purchasing Database
- APRA Music License Subscription Database
- Astra Zenica Help Desk database, Web Interface



Analyst/Programmer

Client Server Computing

Jun 1999 - Jul 2000 (1 year 2 months)

Development of the following solutions:

- Citrix Interface to AMP's matter management application
- ATSIC legal department document management application
- Citrix Interface to BHP's Matter Management application
- Operational reports for BHP, AMP, CSR legal departments
- Development of the matter management application Chief Legal Officer
- Customer support and training



Commercial Manager

Newage International Pty Ltd

May 1994 - Jun 1999 (5 years 2 months)

- Commercial customer support
- Stock control
- Sales analysis and reporting



Sales Engineer

David Brown Santasalo

May 1992 - Jan 1994 (1 year 9 months)

- Sales of power transmission equipment



Sales Engineer

Auto Diesels Power Plant

Jun 1990 - May 1992 (2 years)

- Sales of diesel generating sets (20-2500kVA)



Engineer (Synchronous Variable Speed Drives)

Newage International

Jun 1987 - Jun 1990 (3 years 1 month)

- Project management
- Control system design
- Production and witness testing
- Commissioning



Apprentice (Electrical Engineering)

Markon Engineering

Aug 1982 - Jun 1987 (4 years 11 months)

Working through all aspects of AC Generator manufacturing

Education



Loughborough College

HNC, Electrical Engineering

1985 - 1987

Licenses & Certifications



Data Vault Modeler - Genesee Academy, LLC



Data Governance with InfoSphere Information Server - IBM



Leadership Training - Moveo



Visual Business Intelligence Workshop - Perceptual Edge



Data Warehouse / BI Lifecycle in Depth Course - Kimball Group



Associate level SnowPro - Snowflake



Google Cloud Platform Big Data and Machine Learning Fundamentals - Coursera

Course Certificates

L7Z3VG9YKSC4



Leveraging Unstructured Data with Cloud Dataproc on Google Cloud Platform -

Coursera Course Certificates

7GND7U99TAD5



Serverless Data Analysis with Google BigQuery and Cloud Dataflow - Coursera

Course Certificates

FBP99HH99SUU



Serverless Machine Learning with Tensorflow on Google Cloud Platform -

Coursera Course Certificates

CNKJ7572APAR



Building Resilient Streaming Systems on Google Cloud Platform - Coursera

Course Certificates

GF8N9KLU3K72



Data Engineering, Big Data, and Machine Learning on GCP Specialization -

Coursera Course Certificates

9AC26PFNXGG3



ADB Core Technical Virtual Training - Databricks

Skills

Consulting • Data Warehousing • Data Engineering • Business Analysis • Solution Architecture
• Agile Project Management • Strategy • Data Architecture • Machine Learning • Master Data
Management