

**Resume: Alex Duncan**

**Mob: 0417691163**

**Role: Solution Architect**

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## **Summary**

I previously worked for Oracle in Sydney Australia providing advanced customer architectural services for cloud and on-premise based hosting services and data warehouse operations . I am looking to move back into client side to focus on providing business and technology oriented solutions end to end from strategy, design through to delivery. To date I have built up significant knowledge delivering client digital transformation solutions utilizing main stream cloud vendors across the full technology stack and on-premise client systems. I am a qualified Enterprise Architect (TOGAF) and have solution architecture certification with cloud vendors (AWS & Oracle) architecting cloud based solutions, domain architecture, data and application integration including technology assessment, managed services for cloud hosting and data / user security.

Prior to Oracle I worked for Transport for NSW (TfNSW) as a business solution architect. I worked on a number of key projects as part of Transports enterprise digital transformation process across the agency cluster. Engaged as a key solution architect covering program management, strategy, solution architecture, business service design and deployment of program initiatives. Specific areas of application covered architectural assessment implementation digital transformation initiatives across the TfNSW operational landscape. Utilizing on-premise application services covering financial, ticketing, call center, and operational planning for transport modes buses, trains and traffic incident management.

## **Specialty Areas**

- Extensive experience across state, federal and private sector providing solution architecture capability encompassing on-premise and cloud technologies.
- Provide strategic oversight and Architecture Program briefs to allow business and technological transformation using cloud based technologies and integration with on-premise systems.
- Provision of tactical and strategic solution architecture reference documents in accordance with enterprise architecture frameworks in relation to technology selection, business application integration and management of information systems using off the shelf and in-house developed solutions in conjunction with cloud based deployments.
- Provide cloud SME capability for the POC enablement using cloud and on premise technologies with supporting briefs for approval across key business and technical stakeholders
- Translate strategy to actionable outcomes providing solutions which meet business objectives
- Solution architecture experience across multiple technologies covering architectural patterns, security, package solutions and information & data management systems.
- Provide strategy and enablement to maximize the use of data and information consumption across diverse operational landscape using multiple technology platforms.

## **Further Details**

The following information outlines my engagements to-date, key projects and related experience which support my application for the opportunity at hand. Pleased to provide any references as required. If you wish to speak to me directly please call me on details provided. Further detail can be found at:

<https://aduncan.cloudportfolio.info> – Cloud specific experience

[www.linkedin.com/in/alexwjduncan/](http://www.linkedin.com/in/alexwjduncan/) - Domain Arch & Networking

**Availability** – Negotiable

**Reference Checks** - Please contact me for details as required

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## **Personal Attributes**

- Experienced in business transformation within the digital web / cloud landscape, vendor and market trends, strategic thinker, innovative, enjoys challenge.
- Can effectively translate business requirements into operational functional IT solutions across multiple business domains including technology assessment, integration and cost benefit analysis.
- Sound program management, resource planning and delivery skills across enterprise environments, locally & globally. Ability to actively participate in strategy, architectural design, vendor assessment, business development and pre / post sales processes.
- Persuasive, ability to influence key stakeholders across business, software vendor and IT domains including approach for the delivery of solutions and consult to CxO level.
- Across current digital communication technologies and user environments, understands how they are used and interact between end user and corporate operating environments managing change and compliance.
- Build consensus and alignment between enterprise-wide architecture direction and business specific initiatives and business requirements to ensure Enterprise architecture solution and Project alignment

## **Engagement Outline**

The following outlines my previous engagements with the organizations listed full time or contracting through my professional services identity (Enterprise Architect Services)

### **Period: Dec 2019 – April 2021, Role: Industry Architect / Pre-**

**Sales Solution Architect** Company: Oracle Pty Limited (full Time) Industry Sector: Government & Private Enterprise. (Cloud, Data Warehouse Application Integration & Security)

### **Period: Jun 2016 – Aug 2019, Role: Business Solution Architect**

Company: Enterprise Architect Services (Consulting) to TfNSW  
Industry Sector: Government, Transportation

### **Period: Oct 2010 – May 2016, Role: Solution Architect**

Company: Enterprise Architect Services (Consulting) Clients: ATO  
Canberra, Sydney University, Melbourne IT, IAG, Perceptive  
Software, Asparona, RedRock, Oracle Consulting Industry sector:  
Corporate, Government

### **Period: June 2009 – Sep 2010, Role: Information**

**Architect** Company: Oakton Pty Ltd (Technology Consulting) Clients: ASIC, Sydney Water  
Industry sector: Corporate, Government

### **Period: Jan 1999 – Dec 2008, Role: Solution Architect**

Company: Alcatel Lucent (Telecommunications)  
Industry sector: Corporate, Government, Retail

Previously worked in High Tech manufacturing as Production Engineer Manager both locally and overseas.

## Key Projects

The following outlines some of the key projects undertaken prior to Oracle, contact me for further discussion on specifics for these and other work. I was contracted to Transport for NSW (TfNSW) for 3 years (2016-2019).

### **Solution Architect (CCTP Digital Transformation & Application Robotics – TfNSW Sydney)**

Provided solution architecture and program management services to support TfNSW digital transformation project. Covering RFP definition and assessment, infrastructure hosting, Application integration, data & process optimization for common operational framework utilising cloud services. PaaS solution (Azure) for Call Centre incident management. SaaS (AWS) for transport timetable planning. PaaS (AWS) for robotics transport shared services, O365 and Azure AD.

### **Cloud SME - Solution Architect (Service Transition & Planning – ATO Canberra)**

Provided Services Management Framework for the ATO to implement cloud based initiatives for multi tenanted, multi cloud initiatives using tier 1 cloud service providers. (AWS/ Azure etc.) Definition and preparation of RFP and vendor assessment. Integration of business support processes and managed service providers to support full cloud service stack. Application integration to cloud and management of Infrastructure to scale as associated with the benefits associated with cloud technologies. Integration of tooling and dependent onsite cost reporting systems for end to end provision of cloud services.

### **Cloud Application / System Integration - Solution Architect (Enterprise Services – Sydney University)**

Provided solution architecture support to University IT enterprise services group and key business stakeholders. Deliverables included provision of Architecture Briefs and Architecture Review Board approval for technology selection, specific Application integrations using cloud based technology. Implementation of car fleet system using cloud management service. Definition and architectural design of cloud compatible Operational Data Store in conjunction with Data Warehousing and Metadata Management. Definition and design of hosting landscape, application framework for cloud adoption using cloud service providers AWS & Rackspace.

### **Cloud SME - Solution Architect (Managed Services - Melbourne IT)**

Provided solution architect support to existing and new clients covering technology selection using cloud based solutions and application integration using cloud service providers and managed services. Defined and implemented cloud service operational requirements and managed services framework in line with client business objectives. As an SME provided oversight and updates using cloud based technologies. Provided capability and cost assessment scenarios to support digital transformation utilising cloud based technologies. Covered strategy and approach for data center migration to the cloud using industry based tool sets and custom requirements.

**Digital Transformation (Claims – Insurance - IAG)** - Delivered architectural solution for claims transformation program to implement transactional content management (TCM) system. Define and deliver proof of concept and operational framework for inbound, repository & outbound automation of claims systems. Implemented SOA design and specify security, web services, data security and operational specification for current and future expansion. Provided recommendation for further optimisation (Data / Business rules / SEO) for future roll out across enterprise. Completed the implementation within budget and ambitious timeline.

**Professional Services – Solution Architect / Pre Sales (Finance Sector) (Perceptive Software)** - Provided proof of concept, pre & post sales based on value based assessment for ECM service proposition to Australian Market (Finance Domain). Worked with marketing and sales to enhance opportunities for engagement across industry verticals and key customers. Providing professional services for engagement and implementation of ECM portfolio for intelligent document capture, document management, BPM integration and advanced information search discovery of their associated content and business processes using on-off premise (Cloud).

**Web Portal (Oracle Consulting Services - Corporate) (Asparona)** - Contracted by Oracle Consulting Services (OCS) to work on client's corporate portal. Responsible for system integration testing. Review unit and functional requirements, outline test strategy and implement test program in line with deployment practices.

**Application Integration (Service Utilities, Corporate) (Oakton)** - Completed solutions options paper to set up document management system using Oracle middle-ware ECM solution. Completed GAP analysis between current and future target states to determine legacy degree of fit. Outlined legacy migration approach from current to target state with options and scenarios. Plan and implementation of document management system with legacy migration strategy. Approach: Data Analysis, Solution Options, GAP, DM Functional.