# Professional Profile

# A highly qualified and experienced IT professional with a great combination of skills and capabilities acquired during a diverse and compelling career. Combining a breadth of technical knowledge across current and emerging technologies with a focus on Azure. Russell can build fit for purpose solutions, while demonstrating a logical and analytical approach to solving complex problems and issues. At Lab3, one of Australia leading consultancies, Russell was a senior DevOps engineer / developer who was known for *just getting stuff done!* He possesses excellent interpersonal and communication skills and the ability to develop and maintain positive internal and external relationships. Russell enjoys the team environment and is a total people person always putting a high value on relationships.

# Currently looking to work for a UK based company in the Azure space.

# Technical Skills

**Azure Azure Infrastructure Azure Apps Bicep**

**Terraform ARM Templates Python PowerShell**

**DevOps C# Windows / Linux Other Languages**

**Solution Development Documentation Automation API Development**

**Confluence Jira Testing**

# Personal Skills

**Pragmatic Honest Productive People Person**

**Happy Motivated Problem Solver Transparent**

**Trusted Remote worker Sense of Humour Attention to Detail Documentation Proud**

# Experience

*Note: References available*

**Lab3 (Contract)** <https://www.lab3.com.au> **Senior Cloud Engineer Aug 2019 – Oct t2023**

Senior Azure cloud engineer working on a range of clients focussing on bespoke Terraform, Golang, Python, C#, Documentation, DevOps.

In 2022 and 2023 I was part of the in-house development team working on the Bedrock and Dr Migrate products.

Also, fluent in using tools like Confluence and Jira and am known for my thorough, easy to understand documentation.

Clients:

* **In-house development**:
  + Bedrock: [Bedrock - LAB3 | Modern Azure Cloud Platform | Microsoft CAF](https://www.lab3.com.au/solutions/bedrock/)
    - *Bedrock is an automated deployment of a market-leading, secure by design Azure Platform. Going above and beyond the Microsoft Cloud Adoption Framework, Bedrock enables DevOps at scale, so you can accelerate future innovation on a modern platform.*  
      * Responsible for end-to-end rollout of product to client.
      * Responsible for additional feature development of the core product
      * Responsible for re-writing all the technical documentation for this product as it was confusing.
      * Terraform module development – I have built or contributed to many of Lab3 100-ish Terraform modules for Azure.
  + **Dr Migrate**: [Dr Migrate - LAB3 | Cloud Migration | Cloud Migration Planning Tool](https://www.lab3.com.au/solutions/dr-migrate/)
    - LAB3 Dr Migrate is built on native Microsoft Azure Migrate to supercharge the cloud migration journey. Detailed real-time dashboards provide in-depth technical analysis, application relationship mapping, network and inventory tracking. Data points discovered are used to automatically produce migration wave plans, detailed designs and deploy migration landing zones using IAC.  
      * Responsible for product development. As this product primarily runs on Virtual Machines a large focus was on PowerShell.
      * Responsible for the development of Azure Automation to support the product.
      * During the time I worked on this product I was based in Brazil in an opposite time zone which was challenging but also taught me a great deal about transparency and communication.
* **Coles Supermarkets**:
  + Building of bespoke Azure onboarding process for internal company teams
  + Building a modifying custom Terraform providers in Golang
  + Terraform module development
* **Australian Superannuation**:
  + Many projects
    - Automation – DevOps, Python, Terraform.
    - Infrastructure
    - Native Cloud Apps
    - Kubernetes
  + Terraform module development
  + Custom Automation
* **National Australia Bank**:
  + Part of large team building process of onboarding to Azure
  + Terraform module development

**AGL (Contract then Full Time) Senior DevOps Aug 2017 – Aug 2019**

This role includes being a key player in several different teams including the core DevOps team, retail and wholesale teams. My role is primarily related to green fields work focused on Azure.

I have a deep understanding of, and experience with many Azure resources and how to automate these in a robust and future proof manner.

I can get a team up and running quickly with regard to DevOps and automation without cutting any corners. My role also includes coaching team members on the DevOps mindset and getting them to own the pipelines they rely on. We work on the premise of, the team that builds it, runs it, so I was responsible for all of the automation of primary and secondary infrastructure required for our team.

*Projects include:*

* **Senior DevOps on a large retail decisioning project** – This project consisted of many Azure resources and environments and I was responsible for automating the deployment of these resources. Monitoring and alerting was also an integral part of this project and this was done using Azure Application Insights.
* **Custom development of containerised Selenium robot** – this project was my idea. Wholesale has an external end-point that requires a manual web form password change every 90 days. I built a Selenium Web Driver robot wrapped in a Flask REST API to automatically change the password and update our Azure Key Vault for our apps to use. This application is now used by other parts of the business and saves a few hours a month in manual tasks as well as reduces application downtime for many systems.
* **Senior DevOps on a Battery to stock market application** – I was asked to be part of a new internal stat-up team to build a green fields application that sits between a battery and the stock market. My main role here was to automate 100% of the build and deployments, monitor and alert on application events and coach the team on DevOps processes.
* **Senior DevOps on a Wind Farm application** – this application used machine learning to process large amounts of wind farm data. I was responsible for designing and automating this application in a new Kubernetes Cluster that I setup for our team. This project also required containerise the entire application and contribute to the Python coding.

**Mexia (Full Time) Consultant July 2016 – Aug 2017**

*Projects include:*

* **Lead SME for large Casino** – working on a very large internal project to re-write a large part of the gaming floor points reward system.   
    
  The project was built in Azure and was made up of a number of teams including a remote team of developers in the Ukraine. My role was to provide guidance with technical decisions as well as work on many parts of the system.

Technically the system consisted of a number of business specific micro services combined with Azure service bus. An Azure App Service environment was used to isolate the casino’s workloads within Azure.

A complete Octopus deploy CI / CD environment was setup and managed by different teams to promote deployments through the many environments from dev to production.

Technologies:

* + **Azure Web API Apps**
  + **Azure API Management**
  + **Azure Web Jobs**
  + **Azure Service Bus Topics**
  + **Octopus Deploy**
  + **Azure App Insights**
  + **Azure Active Directory**
* **Integration solution - Steel Manufacturing –** this projectwas a 12-week pilot project to integrate many of the client’s existing and legacy systems into Azure. My role on this project included logic app development, function app development, all API management configuration including policies along with high level involvement in the following technologies.  
    
  I was also responsible for the full VSTS CI / CD pipeline for all environments including a cold DR failover to a second data centre.   
    
  Technologies:  
  + **Azure Logic Apps**
  + **Azure Functions**
  + **Azure API Management**
  + **Azure Service Bus**
  + **Azure Active Directory**
  + **Azure Log Analytics**
  + **IBM MQ Adaptor**
  + **IBM DB2 Adaptor**
  + **Azure On Premise Data Gateway**
  + **CosmosDb / DocumentDb**
  + **Salesforce**
  + **VSTS - CI / CD**

## Byte IT (Full Time) senior .Net Developer Feb 2014– July 2016

*Projects include:*

* **BILT – Byte Integration Level Technology –** currently building a scalable / configurable service bus message dispatcher application to integrate between unlimited applications. We used PowerShell modules to allow for unlimited integrations. This also allows infrastructure engineers to write modules without them needing to know complex coding languages.   
    
  Technologies:  
  + **LogicApps**
  + **Azure Service Bus**
  + **WebJobs**
  + **Azure Storage**
  + **Application Insights**
  + **PowerShell –** The core business logic was written in PowerShell to allow plug-ability
* **Bespoke accounting project –** a high throughput SaaS application. This is built using WCF, Web API and a native iPhone application. The application is built with scalability and performance in mind. It currently runs in Azure cloud services and web apps.
* **Sitecore –** global client for whom we developed their in-house Sitecore applications.

## Igloo Digital (Full Time) senior .Net Developer April 2012– Feb 2014

*Projects include:*

* **Cricket Mobile Application –** This application was built in Sitecore 6.6 and consumes the new Cricket ServiceStack API mentioned in the next bullet point.
* **Cricket API (Service Stack, Sitecore 6.6, Swagger, Third party providers (Urban Airship, Infoplum)) –** This project involves building an all-encompassing API that will provide Cricket focused stats and data to any consumer. Currently the consumers are IOS and Android devices and the Cricket websites. I lead a team of 4 developers, and we follow agile practices where appropriate.
* **My Mazda (Sitecore 6.6, MVC, WCF, Entity Framework)** – which is the project I was hired for and was a yearlong big budget project. It involved the design and build a custom Sitecore / MVC Internet portal for Mazda Australia with a team of .NET developers, designers and front-end developers. We used an agile methodology with 2 weeks sprints, sprint planning and review of each sprint with the client.
* **Sydney Motor show (Sitecore 6.6 and MVC) –** Sole developer on the 2012 Sydney motor show responsible for all on show iPads and all development relating to this.
* **Mazda Account work –** many small projects relating directly to theMazda account including rebuild of Mazda’s maintenance service interval application and the request a vehicle brochure application.
* **Mentor / Team lead –** due to my experience I am responsible for mentoring more junior staff. I am a people person and enjoy being part of a team.
* **General architecture –** Igloo digital was at the point a year ago where they needed some serious architectural guidance. I implemented many new processes of working with existing technology to save time and make systems more robust / maintainable and future proof. Some of these implementations include:
  + **Design pattern –** inversion of control, repository pattern, unit of work.
  + **Dependency injection –** all projects / developers now use DI. This reduces development time and allows for proper unit testing.
  + **MVC4 –** I introduced MVC to the business. 90% of all new development is now done in MVC.
  + **Entity framework –** introduced and implemented EF into the business.

## CPA Australia – Melbourne (Full Time) senior .Net Developer July 2011 – April 2012

*Projects include:*

* **Member First Project** – I was employed to work on the Member First project, which was a full re-write of CPA Australia’s public facing web site. The project’s new backend was Microsoft CRM and the whole web site was rewritten in MVC4.   
    
  Personal responsibilities / achievements:  
  + Responsible for the account registration and online payment gateways.
  + Worked with a small team of key players to design the new architecture in MVC and Microsoft dynamic CRM.
  + Responsible for the front and back-end development of the entire site.
  + Introduced new methodologies to the project that made development more efficient.

## Reactive Media (Full Time) senior .Net Developer Feb 2011 – July 2011

## Telereal Trillium – London (Contract) senior .Net Developer 08/2006 – 12/2010

## MAC Global Shipping (personal client) Senior.NET Developer 2014-2015

## Chiswick Boot Camp (personal client) senior .Net Developer 2010 - 2011

## The Grand Union – London (Contract) senior .Net Developer 04/2006 – 06/2006

## Centrica – London (Contract) .Net Developer 01/2006 – 02/2006

## Loewy Group – London (Personal Client) .Net Developer 09/2005 – 01/2006

## U-Switch - London (Contract) .Net Developer 11/2005 – 12/2005

## Agilysis – London (Contract) .Net Developer 09/2005 – 10/2005

## Superhero – London (Personal Client) Senior.Net Developer 2005

## NMI Group – London (Permanent) senior .Net Developer 05/2004 – 09/2005

## Baker & McKenzie – Sydney & London (Permanent) .Net Developer 2001-2004

## Spherion (Permanent) Asp Developer 2000-2001

## Holiday Inn – Sydney IT Technician 1998-1999

# Education & Training

## Various Training courses relating to my software development career 2001 – current

* Certified Azure Solution Developer
* Office 365 development.
* Sitecore DMS training and certification
* Sitecore training and certification
* Dev Week 2010 – Microsoft Technology Conference
* Dev Week 2009 – Microsoft Technology Conference
* Dev Week 2007 – Microsoft Technology Conference
* Dev Week 2006 – Microsoft Technology Conference
* SQL Database design – Microsoft.
* SQL Database maintenance – Microsoft.
* VB COM development – Microsoft.
* XML.NET – Microsoft.
* ASP.NET – Microsoft.
* JavaScript Course.
* Diploma in Management with McDonald’s Australia.

## Spherion Training - Sydney Programming Student 1999 - 2000

I attended this college to gain a diploma in programming. This was a one-year self-funded course in which I achieved excellent results and was subsequently employed by Spherion on completion of my course.

## McDonalds Management – Sydney Manager 1992 - 1997

As part of my in store and college management training I gained a diploma in management. Although this is not related to my current career path, I think it adds value to my CV due to the high level of training which included time management, people skills, leadership skills and shows that I can perform in a variety of situations.

# Personal

I see myself as a high-energy person who sees life as an adventure. I am totally addicted to kite boarding and love to cycle to work most days.

Words that describe me would be genuine, energetic, very easy to get along with, a hard worker, pragmatic, reliable, honest and transparent.