Jason Wong

Work Phone: (03) 8636 5636 Mobile: 0450 614 499 Email: wongkj.11@gmail.com

Star

Interest in the Role

I have been employed at the National Australia Bank for 7 years, and have spent the last 3 years working as a Developer. I love the work I do as I have a passion for all things IT, but as someone who also thrives on tackling new challenges I feel that I am ready to move on from my current position and into a new role with new experiences.

Although my current role is very technical, requiring me to spend hours a day writing programming code, my educational background is actually in the Commerce field. In particular, I have always had a fascination with the Investments space and prior to me working as a Developer I was always trying to move into that field of expertise. With this Senior Developer role, I truly believe that I have found a position that perfectly combines my IT knowledge and financial education along with my desire to learn all things Investments.

Handshake

Professional Skills and Abilities

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| * **7 Years of experience** in the Banking and Finance industry. * **3 Years of experience** as a Developer/Data Analyst in the Banking and Finance Industry. * Completed a **Bachelor’s Degree in Commerce** at the University of Melbourne**,** Majoring in Accounting and Finance**.** * Currently studying Part-Time at Victoria University, with the aim of completing a **Bachelor’s Degree in Information Technology.** Recently completed my 2nd year of study. * Years of experience working on Projects where frequent stakeholder engagement was necessary, liaising with both Internal and External Stakeholders and acting as an intermediary for the Business Operations Divisions and the Technology Divisions. * Years of experience writing complex **SQL queries** to extract information from Data Warehouses and Data Marts. | * 5 years of experience as a Process Improvement Champion, having developed **Automation Solutions** that have saved over $1,000,000 in cost savings and 10,000 hours in time saved throughout my career. * Expert knowledge in the use of the Microsoft Office Suite, especially **MS Excel, MS Access** and **MS Outlook**, and a particular skill in building VBA Macros. * Expert knowledge in a variety of Programming Languages especially in **VBA**, **VB.Net** and **C#** but also including **Python**, **PHP**, **HTML5**, **CSS3** and **JavaScript.** * Advanced understanding and years of experience with Database Design, Creation and Management, with knowledge of **PostgreSQL**, **MySQL**, **IBM DB2**, **MS SQL Server 2008 R2** and **MS SQL Server 2014**. * Although I excel at working autonomously, I am also great at working in a team, with years of experience working alongside a diverse range of individuals. * One of my greatest skills is my ability to solve complex problems. I love a challenge, especially ones related to IT. |

LaptopTechnical Skills and Abilities

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| **TECHNICAL EXPERTISE** | **SKILL LEVEL** | **NOTES** |
| **VBA** | Advanced | * 5 years of experience building MS Excel Macros. * 4 years of experience building MS Access Macros. |
| **VB.Net** | Advanced | * 3 years of experience building Console, WinForms and WPF Applications with Database connectivity to numerous databases such as MS SQL Server, MySQL and Postgresql. * 3 years of experience building Visual Studio Tools for Office (VSTO) applications on both MS Excel Workbooks and MS Access Databases. |
| **C#** | Advanced | * 3 years of experience building Console, WinForms and WPF Applications with Database connectivity to numerous databases such as MS SQL Server, MySQL and Postgresql. * 3 years of experience building VSTO Applications for both MS Excel Workbooks and MS Access Databases. |
| **Visual Studio 2013 Professional** | Advanced | * 3 years of experience using Visual Studio 2013 Professional to build Console, WinForms, WPF and VSTO applications to build and deploy solutions in the Banking and Finance sector. |
| **Python** | Advanced | * 2 years of experience building Console, GUI and Web based applications through the Web2py web framework. |
| **PHP** | Intermediate | * 2 years of Experience using PHP to manipulate WordPress Sites. |
| **HTML5** | Advanced | * 4 years of experience using HTML5 |
| **CSS3** | Advanced | * 4 years of experience using CSS3 |
| **JavaScript** | Intermediate | * 2 years of experience using JavaScript. * Basic understanding of the JQuery library. |
| **PostgreSQL (SQL)** | Advanced | * Expert knowledge in writing advanced queries including PL/pgSQL Functions, Views, Triggers and Indexes. |
| **MS SQL Server 2008 R2 and 2014 (SQL)** | Advanced | * Expert knowledge in writing advanced T-SQL queries including Stored Procedures, Views, Triggers and Indexes. |
| **PLSQL Developer (SQL)** | Intermediate | * 2 years of experience performing advanced queries on Organization wide Production Oracle 11g databases. |
| **IBM DB2 (SQL)** | Advanced | * 2 years of experience extracting and manipulating data on IBM DB2 Databases using complex SQL queries. |
| **MySQL (SQL)** | Intermediate | * 2 years of experience using PHP scripts to extract and manipulate data from MySQL Databases. |
| **SAS** | Intermediate | * Have used SAS Enterprise Guide 5.1 to extract information from GDW Databases and manipulate the data. |
| **Tableau 9.3** | Intermediate | * 1.5 years of experience building reports, dashboards and stories for Managers and other senior leaders. |
| **Microsoft Excel** | Advanced | * 5 years of experience manipulating, formatting and filtering data. * Expert in using Formulas, Tables, Pivot tables and other functions. * 4 years of experience building Macros. |
| **Microsoft Access** | Advanced | * 4 years of experience building Access Databases, importing data from text files, Excel Documents and External Databases. * 3 years of experience building Macros to automate the extraction of data and creation of reports for the use by Business Analysts and other external Stakeholders. |
| **Microsoft Visio** | Intermediate | * Used Visio to create Entity-Relationship models for many complex database design and development. |
| **Microsoft PowerPoint** | Intermediate | * Used PowerPoint to present information to Managers and Heads of Departments. |
| **Regular Expressions** | Advanced | * 3 years of experience writing Regular Expressions to parse through large amounts of data on flat files and uploading the parsed data onto Postgresql and Oracle 11g databases tables, essentially performing an Extract Transform and Load function. |

TeacherExperience

**Jan 2015 - Present**

**Developer/Data Analyst**

***National Australia Bank***

* Working for the **Business Intelligence and Solutions (BIAS)** Team, I would be tasked with building Ad-hoc **Automation** **Solutions** for a variety of Stakeholders throughout the organization. Building these solutions would involve travelling to different teams throughout the business where I would observe how they would manually perform their work, and ask them questions on where they believe their pain points were. Based off this information, I would then design and develop a solution to automate as much of the process as possible.
* The **BIAS Team** resided within the Business Side of the Bank and acted as a liaison between the Business Operations Side and the Technology side. The team was part of a department called **Payment Systems** and this departments primary function was to supervise, monitor and maintain the various payment types/streams of the Bank which included SWIFT payments, RTGS payments, Direct Entry Payments and BPay Payments to name a few. Up to $3 billion dollars’ worth of payments would flow through our systems on a daily basis.
* Although my team was initially tasked with building solutions for our Department only, we eventually got a reputation throughout the business of building complex, high-end Macros, Applications and Databases and we eventually started getting requests from other departments and areas throughout the Bank.
* Whenever a solution proved too complex or required access to systems and tools that our team did not have access to, we would liaise with the Technology Teams to see if they had the capability to produce the solution.   
  If they did, we then initiated a Project Proposal to get the solution built for our stakeholders, often helping the Technology teams design and build the final product.   
  Our team would frequently liaise with Technology to get these more complex solutions built as we were perfectly placed to understand the requirements of the Business Operations Teams and use our technical expertise to communicate these requirements to the Technology Teams.
* The Automation Solutions I built used a variety of different programming languages. The primary Programming Languages used were **VBA**, **VB.Net** and **C#**. I also utilized other Languages such as **Python** to build these Solutions.  
  **Visual Studio** **2013** was the primary **Integrated Development Environment** used to build the **.Net** Solutions and **Anaconda/Spyder** was the primary **IDE** used to develop the Python based Solutions.  
  Languages such as **HTML5**, **CSS3** and **JavaScript** were used to improve the web-based Solutions that I built utilizing the **Python** **Web2Py** Web Framework.
* Although some of my work involved building automation solutions that were **VB.Net** and **C#** applications and **Python** web applications along with a few **VSTO Excel Workbook** applications, the majority of my work was around building **VBA MS Excel Macros** and **VBA MS Access Macros**. Over the years I have built over **50 MS Excel Macros** and **over a** **dozen MS Access Macros** as well as a couple **MS PowerPoint Macros** and **MS Outlook Automation Solutions**.
* Performed advanced Analytics by writing complex SQL queries to extract data from numerous different **RDBMS**. Many of these queries involved creating Views, Stored Procedures and Indexing. Sometimes Triggers were created in order to log data manipulation in certain key database tables. The Databases I had to work with included **IBM DB2 tables**, **PostgreSQL databases**, **Oracle 11g databases**, **MS SQL Server databases** and multiple **MS Access Databases**.
* A colleague and I built a custom VB.Net WinForms application that had the primary purpose of automating the extracting data from a variety of RDBMS as well as using Regular Expressions to parse through large flat files and then extract, transform and load the extracted data on to a local database, with the aim of producing reports for hundreds of our stakeholders.  
  The Tool we built was designed to automate the querying of databases and generation of reports as this querying was being performed manually by dozens of FTE on a daily basis.   
  **This custom built Automation Tool ended up producing over 300 reports a day to over 200 different stakeholders, while also saving the bank 14 FTE and around $980,000** **in cost savings.**

**Jan 2013 – Sep 2015**

**Account Reconciliations Officer**

***National Australia Bank***

* Working for the **Cash Control Team**, I would assist branches throughout Australia with balancing their Cash Control Accounts, as well as other Internal Suspense Accounts.
* Frequently had to liaise with Internal and External stakeholders to assist with the balancing of these Internal Accounts.
* As a **Process Improvement Champion** for my team, I would seek to identify any opportunities for Process Improvements, also encouraging and assisting fellow Team Members with their Process Improvement Initiatives.
* Was placed in charge with the Process Documentation of my entire department, having to maintain and update the documentation repository.

**Feb 2011 – Dec 2012**

**Officer**

***National Australia Bank***

* As a member of the **Optimisation Team**, I was tasked with monitoring, evaluating and assisting in the completion of any Process Improvement Initiatives within my Business Unit.
* Would have to regularly engage colleagues throughout the Business Unit and discuss with them the motivations, purposes, benefits and outcomes of any initiatives proposed.
* Regular Process Mapping and Process Documentation.
* Was placed in charge with the Process Documentation of my entire department, having to maintain and update the documentation repository.

Books

Education

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| **YEAR** | **QUALIFICATION** | **NOTES** |
| 2016 - Present | Bachelors of Information Technology | * Studying Part-Time * Victoria University * Recently completed my 2nd year of study |
| 2003 - 2007 | Bachelors of Commerce, Majoring in Accounting and Finance | * University of Melbourne |
| 2003 | VCE Diploma of Completion | * Kings Park Secondary College |

Users

References

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| **Catherine Prosser**  **Senior Analyst**  National Australia Bank  Work Email: [catherine.d.prosser@nab.com.au](mailto:catherine.d.prosser@nab.com.au) Personal Email: [cdprosser@bigpond.com](mailto:cdprosser@bigpond.com)  Mobile: 0402 010 624 | **Farina Disha**  **Senior Analyst**  National Australia Bank  Work Email: [farina.disha@nab.com.au](mailto:farina.disha@nab.com.au)  Mobile: 0477 340 639 |
| **Juliet Dacaret**  **Business Support Officer**  National Australia Bank  Email: [Juliet.dacaret@nab.com.au](mailto:Juliet.dacaret@nab.com.au)  Mobile: 0447 640 942 | **Frank Matina**  **Senior Analyst**  National Australia Bank  Email: [Frank\_Matina@mlc.com.au](mailto:Frank_Matina@mlc.com.au)  Mobile: 0490 499 297 |