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| **Dmitri Braverman** | *Data is a precious commodity. I can extract vital information, empowering your organisation to make informed decisions.* | E-mail: dbraver@gmail.com Mobile: 0421877072  Website: [http://dbraver.wix.com/melamedvision](http://dbraver.wix.com/melamedvision#%21blank/c3vn)  Blog: <http://dbcodesnippets.blogspot.com.au> |

**PROFILE**

* More than 15 years’ experience in IT
* BI/SQL Developer specialising in all MS BI Suite components (SSIS, SSAS and SSRS)
* Creating Dashboards in SSRS, Power BI, Excel and Access Services deployed to Sharepoint
* Self-motivated with ability to work autonomously, strong team player and creative achiever

**CAREER HIGHLIGHTS**

* Solely delivered a diverse number of web and client server corporate applications.
* Was a key team member providing a variety of components for mission critical applications.
* Developed a variety of BI applications components and visualisations using Excel Services, Performance Point and Power BI.
* Exceptional feedback and recognition from the CIO, IT Manager and business stakeholders published in [Me2U](https://me2u.redii.com) and 62 LinkedIn nominations.

EMPLOYMENT HISTORY

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| **upwork.com, guru.com and freelancer.com** | Jul 2019 to Current |

Position: BI Developer (Freelancer)

**Responsibilities:**

* Created SQL Server database triggers, views, ETL stored procedures, user defined functions and Powershell scripts
* Created SSRS reports based on OLAP Cubes and OLTP database objects (MS SQL Server Views and User Defined Functions)
* Created Excel Services reports (based on OLAP Cubes and OLTP databases objects) and deployed to **Sharepoint 365**
* Created MS Access databases with SQL server back end and VBA scripts
* Building Power BI dashboards and deployed to Sharepoint 365

**Achievements/Legacy**

* Web enabling existing legacy MS Access applications using **Citrix -> Azure farm** and **Sybelesoft->Thinfinity VirtualUI**
* Reading live **XML** file to the SQL Server database by combining consumed and unconsumed XML data.
* Created a set of VBA utilities which leverages on Powershell, Word, HTML, SMTP, Script Control, libraries

**Problem:**

Manual deploy Power BI dashboards, Excel services to Sharepoint 365

**Outcome:**

Created Powershell scripts which automated deployment process

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| **Coates Hire** | Sep 2016 to Jul 2019 |

Position: Developer - BI

**Responsibilities:**

* Establish detailed program specifications to meet requirements
* Effectively manage various development work streams
* Accurately anticipate possible problems and devise solutions
* Deliver the development of items within estimated times; ensure quality and accuracy
* Analyse and diagnose system / data related issues and appropriately resolve them
* Source to Target Data Mapping
* Ensure documentation of all solutions is kept up to date
* Design and development of ETLs.

**Achievements/Legacy**

* Gained experience and knowledge in functioning, integration of and reporting from the major company systems: **MS Dynamic CRM**, [Base Plan](https://www.baseplan.com/au/) and Data Warehouse.
* Created database driven **SSRS templates** with standard corporate look and feel.
* Created corporate **Power BI template** with standard corporate features, look and feel
* Created **Powershell** scripts automating data extraction from IE logs, third party security database required for **SSIS package**.
* Created **Excel** template for data extracts using **VBA** and external **UDL** connectivity.
* Developed Powershell scripts for creating a folder on, uploading files to **Sharepoint 365** Document Library (currently in use by sysadmin).
* Created Powershell script for generating a report of Sharepoint 365 Document Library (currently in use by sysadmin)..
* Created **stored procedure** and **user defined function** describing attributes of which resides on remote server using **Link Service**. (currently in use by DBA).
* Created stored procedure which dynamically transposes an object (Table or View) by swapping rows and columns around (reusable by several SSRS reports).
* Created stored procedure which splits **SSRS XML** into chunks and store it as temporary table records (in use when deployment audit is required).
* Created stored procedure parsing **MDX** by dynamic query and storing the result in a temporary table (in use by several SSRS reports).
* Created User Defined Functions running against Reporting Services database serve the following purposes:
  + Post deployment audit of reports and data sets
  + Analysis of report dependencies across one or multiple reports.

**Technologies/Servers/Languages used:**

MS SQL Server (2012, 2016, 2017), Relational and DWH, T-SQL, SSIS, SSRS, SSAS, VBA, Power BI, Powershell, MS Excel, MS Access, MS Infopath, Dynamic CRM, JIRA, TFS, XML, Citrix, Azure.

**Problem:**

* Coates Hire inherited SSRS Report after merger with National Hire. National Hire reports had different look and feel comparing with Coates Hire.
* All reports had look and feel hardcoded.
* Some report had hardcoded data sets

**Outcome:**

I created a set of User Defined Functions, Stored Procedures, Views, T-SQL and Power-Shell Scripts for reports audit. Created a set of standard SSRS report templates where look and feel is driven by the database table. In order to standardize the look and feel of organizational reports utilised Powershell and XPath to interrogate .rdl files. The audit scripts allowed to identify all hardcoded datasets across all reports. After that, I used this list for creating a database objects replacing hardcoded datasets.

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| **Upwork** | Nov 2014 to Sep 2016 |

Position: BI Developer

**Responsibilities:**

* Created SQL Server database triggers, views, ETL stored procedures, user defined functions and Powershell scripts
* Created SSRS reports based on OLAP Cubes and OLTP database objects (MS SQL Server Views and User Defined Functions)
* Created Excel Services reports (based on OLAP Cubes and OLTP databases objects) and deployed to Sharepoint
* Created MS Access databases with SQL server back end and VBA scripts
* Created MS Access Services application and deployed to Sharepoint

**Achievements/Legacy**

* Gained freelancer experience.
* Utilised **VPN**, **Teamviewer**, **Skype**, **Jira**, **Trello**, **RoboForm** and **TFS**.
* Powershell script to ftp MySQL backup file and restore it locally.
* Reading live **XML** file to the SQL Server database by combining consumed and unconsumed XML data.
* Created a set of VBA utilities which leverages on Powershell library.

**Problem:**

Tech specs for SSRS report created by different BAs were difficult to follow and had different look, feel and definitions.

**Outcome:**

Created MS Infopath form template for capturing report tech spec. It was well received and adopted by BAs.

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| Tribal Group (Australian branch of UK based company) | Aug2014 to Oct 2014 |

Position: BI Consultant/Report Writer

**Responsibilities:**

* Effectively manage various development work streams
* Accurately anticipate possible problems and devise solutions
* Deliver the development of items within estimated times; ensure quality and accuracy
* Analyse and diagnose system / data related issues and appropriately resolve them
* Modifying existing SSRS reports. Data source is Oracle 11g database.
* Modifying/Tuning/Re-factoring report queries

**Achievements/Legacy**

* Gained knowledge of **TFS** and **Oracle 11g**.
* Created **Oracle Pipelined** Functions.
* Suggested to install **JIRA** extension for system testing. It was well received and used by software testers.

**Problem:**

Implement improvements within technical and process limitations as well as time constraints.

**Outcome:**

Proposed performance improvement based on advanced features of Oracle 11g which required minimum implementation effort

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| **Department of Education and Communities of New South Wales** | ***Jan 1996*** to Aug 2013 |
| Section | Duration |
| Curriculum and Learning Innovation Centre (CLIC) | Nov 2010 to Aug 2013 |
| Centre for Learning Innovation (CLI) | ***Jan 2004 to Nov 2010*** |
| Open Training and Education Network (OTEN) | ***Jan 1996 to Jan 2004*** |

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| Curriculum and Learning Innovation Centre (CLIC) | Nov 2010 to Aug 2013 |

Position: Analyst Programmer

**Responsibilities:**

* Establish detailed program specifications to meet requirements
* Effectively manage various development work streams
* Accurately anticipate possible problems and devise solutions
* Deliver the development of items within estimated times; ensure quality and accuracy
* Analyse and diagnose system / data related issues and appropriately resolve them

**Achievements/Legacy**

* Designed, developed and implemented a corporate Business Intelligence solution using **SSAS**, **SSIS** and **SSRS**.
* Developed a corporate Dashboard using **Sharepoint** 2010, Performance Point.
* Created **KPI reports** based on various data sources (**Oracle**, **SQL Server**, **Sharepoint**, **MS Access**, **XML**, **MySQL**) as well as MS **SSRS**, MS **Excel** 2010 and Power Pivot.
* Created custom **MDX** queries for **SSRS** and **Excel** reports.
* Developed **REST** and **SOAP WEB Services** in **PHP** for loosely coupled system integration.
* Developed **Teamsite** content entry forms and templates integrated with **JQuery** and .**Net** pages. Created **MS Access Project** applications using **MS Access** (front-end) and **SQL Server** (back-end).
* Data modelled and created **ERD** for **SQL Server** applications

**Problem:**

Create Excel Services reports based on MySQL database which would not require ODBC connection on a client desktops.

**Outcome:**

I requested Western Sydney Institute (WSI) Network Support to create an SQL Server database, set up a Linked Server, rewrite all MySQL views and user defined functions to MS SQL Server and point all reports to the MS SQL database.

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| Centre for Learning Innovation (CLI) |  | ***Jan 2004 to Nov 2010*** |

**Position:** Analyst/Programmer

**Responsibilities:**

* Develop and maintain detailed knowledge of multiple, complex platforms and technologies to enable effective integration and utilisation of enterprise data and well organised into data
* models.
* Develop and maintain complex business rules in reporting that are driven by outcome and goals
* Develop and maintain an active culture of technology awareness within the organisation

**Achievements/Legacy**

* Created a corporate Business Intelligence solution using **SSAS** in MS **SQL Server** 2008 R2.
* Developed corporate Dashboard using **Sharepoint** 2010, **Performance Point**.
* Created custom MDX queries for SSRS and Excel reports.
* Created **KPI** corporate reports based on various data sources (**Oracle**, **SQL Server**, **Sharepoint**, **MS Access**, **XML**, **MySQL**) using MS **SSRS**, MS **Excel** 2010 and MS **Power Pivot**. Managed **PHP** Open Source project (Curls).
* Designed and developed CLI core Internet and Intranet application in **Teamsite**.
* Integrated .**NET** applications and web-services, **Verity** Enterprised Search (for Teaching and Learning Exchange – TaLe 2.0, Learncast, WeCreate, Online resources catalogue, Government Schools, CLAS Schools, CLAS TAFE) with **Teamsite** generated systems.
* Created **MS Access** Project (Timetracking, Asset management and Information management) applications using **MS Access** (front-end) and **SQL Server** (back-end).
* Data modelled and created **ERD** for **SQL Server** **OLTP** applications as well as designed **OLAP CUBE**s for Dashboard application.

**Problem:**

At the beginning of the highly important and politically sensitive Teaching and Learning Exchange (TaLE) project, a major obstacle arose in generating .Net pages out of Teamsite but preserving the common look and feel.

**Outcome:**

I created a framework whereby during .aspx page generation the template creates another file with extension .master which contains html tags and placeholder. By implementing this framework the issue was resolved, the project was delivered on time and within the budget.

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| Open Training and Education Network (OTEN) | ***Jan 1996 to Jan 2004*** |

**Position: Analyst/Programmer**

**Responsibilities:**

* Development of high-quality database solutions
* Develop, implement and optimize stored procedures and functions
* Build appropriate and useful reporting deliverables
* Develop procedures and scripts for data migration

**Achievements/Legacy**

* Designed, coded, tested new programs, and enhanced of existing programs of Student Administration and Management system (SAM), a core corporate application created in the following environment: **Oracle Enterprise 9i**, **Designer/2000**, **Oracle** **Developer/2000 Form Builder**, **Oracle Developer/2000 Report Builder**, **Oracle Discoverer 2000**, **Oracle WEB Application Server**, **SQL\*Plus, Toad**, **HTML**, **XML**, **Javascript**, and **R&R 6.0 Report Writer**.
* Developed of various packages, triggers, procedures and functions for SAM. Created customized packages, libraries and utilities depending on SAM requirements.
* Converted Dbf and **MS Access** tables into **Oracle using SQL\*Loader**.
* Created several unique corporate client server and intranet applications using **MS Access**, Development Toolkit, **VBA**, **Visual Basic**, **ASP**, **SQL Server 2000**, **MS Project 2000**.
* Reengineered an **MS Access** & **MS Project** application into an **SQL Server** & **MS Access** application.
* Created user guides and technical documents.
* Data modelled and created **ERD** for **MS Access** and **SQL Server** applications
* Solely delivered a diverse number of web and client server corporate applications.
* Was a key team member providing a variety of components for mission critical applications.

**Problem:**

No knowledge of RDBMS technology and Oracle database and tools.

**Outcome:**

After receiving formal training in Oracle, designed and developed several subsystems of SAM which contains 272 tables, 574 indexes, 14 views, 234 constraints, 463 triggers, 103 stored procedures, packages and stored functions.

Education

Technical University, Novocherkassk, Russia: Bachelor Degree in Applied Mathematics.

Professional Development

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| --- | --- |
| 2018, Nov | MS PowerBI for developers |
| 2018, Feb | *MS Azure Overview* |
| 2010, May | Microsoft Business Intelligence - Presentation for CLI executives |
| SQL SERVER 2008 R2 - The BI Platform for today's Enterprise |
| 2009, Sep | Microsoft SQL Server Business Intelligence launchpad, Sydney |
| 2007, Apr | PHP and MySQL, Fearless Media, Sydney |
| 2004, Mar | Teamsite Developer Series (Teamsite 6.1) |
| 2003, Jun | Perl programming, Sydney, CUMMINS – Skill Master Computer Learning Centers |
| 2003, May | TeamSite Open Deploy Teamsite Template |
| TeamSite System Administration (v 5.52) |
| 2001, Sep | Basic Database development in SQL interface |
| The Certificate in SQL Statement Tuning |
| The Certificate in PL/SQL Develop Program Units |
| 1999, Jun | The Certificate in Developer/2000: Build Reports 3.0 |
| 1999, Mar | The Certificate in Developer/2000: Build Forms V5.0(advanced) |
| 1998, Jan | The Certificate in Developer/2000: Build Forms V4.5 |
| 1997, Nov | The Certificate in SQL & PL/SQL using Procedure Builder |

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| **Technical Experience** | | | | |
| **Commercially Used Skills** | | **Number of Years** | **Level of Competency** | **Last Used** |
| Scale |
| (1 = Novice, 5 = Expert) |
| Languages | PHP | 2 | 4 | 2015 |
| MDX | 3 | 4 | 2017 |
| Powershell | 5 | 5 | 2017 |
| Linux Shell | 1 | 3 | 2014 |
| VBA | 17 | 5 | 2015 |
| Visual Basic 6 | 0.5 | 3 | 2000 |
| ASP | 0.5 | 3 | 2000 |
| Javascript | 3 | 4 | 2015 |
| HTML | 12 | 5 | 2017 |
| XML | 8 | 5 | 2017 |
| T-SQL | 10 | 5 | 2017 |
| Perl | 8 | 5 | 2015 |
| C# | 0.5 | 3 | 2009 |
| PL/SQL | 5 | 5 | 2016 |
| Clipper | 2 | 5 | 1998 |
| PL/1 | 3 | 5 | 1993 |
| Assembler | 0.5 | 3 | 1991 |
| Fortran | 4 | 5 | 1990 |
| Databases and Database Management Tools | SQL Server 2016 | 1 | 5 | 2020 |
| SQL Server 2014 | 1 | 5 | 2017 |
| SQL Server 2012 | 2 | 4 | 2016 |
| SQL Server 2008 R2 | 3.5 | 4 | 2016 |
| SQL Server 2005 | 3 | 4 | 2013 |
| SQL Server 2000 | 3 | 4 | 2013 |
| SQL Server 7.0 | 0.5 | 4 | 2013 |
| Oracle 11g | 0.3 | 4 | 2014 |
| Oralcle 10g | 2 | 5 | 2000 |
| Oralcle 9i | 3 | 5 | 2000 |
| MySQL5.4-5.6 | 3 | 5 | 2013 |
| Clipper | 2 | 4 | 1998 |
| MS BI Tools | SSRS 2017 | 1 | 5 | 2020 |
| SSRS 2012 | 3 | 5 | 2017 |
| SSRS 2008 | 3,5 | 5 | 2016 |
| SSRS 2005 | 3 | 5 | 2013 |
| SSIS 2012 | 2 | 4 | 2016 |
| SSIS 2008 | 3.5 | 4 | 2013 |
| SSIS 2005 | 3 | 4 | 2013 |
| SSAS 2012 | 2 | 4 | 2016 |
| SSAS 2008 | 3,5 | 4 | 2013 |
| SSAS 2005 | 3 | 4 | 2013 |
| Power BI | 0.5 | 4 | 2019 |
| Operating Systems | Windows 10 | 2 | 5 | 2019 |
| Windows 7 | 8 | 5 | 2017 |
| Windows XP, NT | 4 | 5 | 2003 |
| Windows 9x | 4 | 5 | 2000 |
| MS DOS | 8 | 5 | 2003 |
| MVS | 4 | 5 | 1992 |
| MPE-V | 4 | 5 | 1990 |
| Reporting Tools | SSRS | 8 | 7 | 2017 |
| Crystal Reports 11 | 0.5 | 3 | 2010 |
| Oracle Developer/2000 Report Builder | 5 | 5 | 2000 |
| R&R Report Writer | 1 | 5 | 1998 |
| Microsoft Office Applications Current version used 97-2012 | Access | 16 | 5 | 2020 |
| Excel | 17 | 5 | 2020 |
| Word | 17 | 5 | 2020 |
| Project | 3 | 5 | 2019 |
| Visio | 1 | 4 | 2019 |
| InfoPath | 1 | 4 | 2019 |
| Software | MS SQL Profiler | 5 | 5 | 2020 |
| JIRA | 4 | 5 | 2020 |
| MS BI Suit (SSIS, SSAS) | 4 | 5 | 2020 |
| Sharepoint 2012 | 3 | 4 | 2017 |
| Performance Point | 1 | 4 | 2015 |
| Open Deploy 6.5 | 6 | 5 | 2014 |
| Power Pivot | 1 | 5 | 2020 |
| Developer/2000 Form Builder | 5 | 5 | 2000 |
| Developer/2000 Report Builder | 5 | 5 | 2000 |
| Designer/2000 Module Generator | 3 | 5 | 2000 |
| Designer/2000 Object Navigator | 3 | 5 | 2000 |
| SQL\*Plus | 5 | 5 | 2000 |
| SQL\*Loader | 0.5 | 5 | 1998 |
| Web Services | SOAP | 3 | 5 | 2015 |
| REST | 0.5 | 5 | 2015 |
| Content Management System | Teamsite 6.5 | 6 | 5 | 2014 |
| API | Open Deploy | 5 | 5 | 2014 |
| JQuery | 0.5 | 4 | 2016 |
| Learning Management Systems | Moodle | 0.5 | 4 | 2010 |
| Project/Task Management Systems | Trello | 0.5 | 4 | 2016 |
| JIRA | 2 | 4 | 2017 |
| Clarity | 0.5 | 4 | 2010 |
| Version Control | TFS | 5 | 4 | 2020 |
| Tortoise SVN | 8 | 5 | 2016 |
| PVCS | 5 | 5 | 2000 |