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PROFESSIONAL PROFILE

I am an experienced and adaptable developer, with a proven track record of successful delivery across multiple sectors. In addition to the technical skill set, I have significant experience in project management and finance (past FCCA member), which have broadened my understanding of business and enabled me to work effectively and efficiently in multi-disciplinary teams, developing a strong consultancy style in the process.

***Roles Sought:*** Developer using Microsoft stack or Python.

**KEY SKILLS**

***Technologies:*** Excel VBA, Power BI, T-SQL

***Databases:*** SQL Server 2017/19

***Theoretical:*** C++ 17, Python 3

***Operating Systems:*** Windows 7/10

***Other Software and Tools:*** Visual Studio 2017-2019**,** Data Modeling, Jira, ServiceNow, Confluence, VS Code

**EMPLOYMENT HISTORY**

VBA Engineer *(contract) Avanade UK Nov 2021 – Present*

* Working as part of a team responsible for remediating EUDAs (Excel workbooks) for operation in a 64-bit Office environment. Client was Barclays CIB.
* Role included general Microsoft application support as the client moved their employee devices from WIN7 to WIN10 and from a physical to a virtualized environment.
* EUDAs ranged from very simple codeless sheets to dictator-style applications which included complex 3rd party and inhouse-built Add-ins.
* Role involved interacting with all areas of the bank from Front to back office.
* Developed processes and standards for all engineers to follow.

Capabilities Developer *(contract) Lloyds Banking Group plc Jan 2021 – Oct 2021*

* Enhanced and improved a number of reporting tools/models used by the retail mortgages team.
* Led initiative to migrate Excel reporting workbooks to Power BI to gain improved understanding of unit’s trading performance.

Excel/SQL Developer *(contract) Handelsbanken plc Feb 2019 – Aug 2020*

* Developed a credit application tool (commercial/residential property) used by the Branch network (circa 200 offices).
* Documented a data dictionary for AML remediation project, involving 150+ data items.
* Configured web portals for various data collection and reporting exercises, ensuring in the process that key business data transitioned from spreadsheets to a secure data warehouse

VBA Developer *(contract) Zurich Insurance plc Jul 2018 – Feb 2019*

* Assisting the Head of Pricing in the development of an Excel-based Rating Toolkit to be used across Zurich’s property business.
* Supported one junior VBA developer.
* Reading/writing data to backend SQL databases, including the development of stored procedures and views.
* Co-ordinate testing with business lead including bug and issues fixing.

VBA Developer *(contract) SMBC Nikko Capital Markets Limited Mar 2018 – April 2018*

* Short assignment to automate several time-consuming back-office treasury processes.

Senior VBA Developer *(contract) BlackRock Solutions Oct 2016 – Aug 2017*

* Assisting the Financial Markets Advisory (FMA) team with various Excel/Access based tools including:
* Lead developer for a stress-testing tool for a large Asian bank (headquartered in UK), involving hands-on workshops and prototyping in Singapore; tool had to cope with multiple input sources and cleanse / report on data issues. The tool included a central Add-in, FE workbook and an Access BE.
* Sole developer on a project to deliver a tool for EBA reporting (stress tests), working closely with modelers to define data model and input formats. As part of the project a component was developed to extract the population ranges and descriptors from the EBA workbook itself (over a million cells); which could then be mapped to client data items inside the Access data model. The tool was initially developed for a Greek bank but with mostly re-usable components so it could be offered as a standardized solution to European banking clients of BRS.
* Providing general architecture guidance and coding support.

VBA Developer *(contract) HSBC Global Asset Management Sep 2014 – Apr 2016*

* Support the passive equity business comprising 7 Portfolio Managers / FMAs trading 60+ETF and Index tracking funds
* On-desk application support of spreadsheet tools (20+) used in trade structuring and analysis, cashflow management, corporate action s, PCF generation, and performance reporting.
* Liaise with external vendors e.g. benchmark providers (RIMES) and other real-time information services (e.g. Bloomberg) to resolve data issues
* Instigate and progress database upgrades (SQL Server) with offshore development and support teams to meet changing business needs.
* Assist with design of new strategic Passive Equity Fund Management platform by acting as Subject Matter expert.

*VBA Developer (contract) Carnival UK plc Apr 2014 – Aug 2014*

* Assist the revenue and forecasting team with enhancements to the daily Occupancy and Run Rate reports for ships in the fleet.
* Help improve the current reporting processes (based heavily on vlookups and pivot tables across various workbooks) to garner performance gains
* Help with documenting the current CPT (Corporate Planning Tool) and allied reporting processes.

*Personal Development* Aug 2012 to Mar 2014

I took a year’s career break to pursue personal interests*.*

*RAD Developer (contract) RBS Group plc* Aug 2011 to Jul 2012

* VBA Programming in both Excel and Access - including GUI / Form design, classes and ADO;
* Relational database design;
* Gathering requirements from and delivering tactical solutions to Market Risk Front Office;
* First-line application support of production apps;
* Creation of Technical specification documents;
* Enterprise SQL development including Stored Procedures on multiple platforms (SQL Server, Sybase, Oracle);
* Contributed to RAD Framework document which outlined the standards and policies under which projects are delivered by the Risk RAD Team. Document required Information Security sign-off;
* Worked on a large-scale project to deliver reconciled/mapped trading books as a result of the merger of ABN and RBS. This involved the delivery of a tool to handle high volume data uploads to an Oracle db and subsequent MI reporting.

*Access/Excel VBA Developer (contract) Bank of Ireland* Sep 2009 to Apr 2011

* Enhanced existing Access databases used to process sales data in order to provide better information to Product managers and Post Office Ltd;
* Built a number of bespoke workflow and reporting tools using Access/Excel 2003;
* Resolve issues surrounding supplier data feeds and management reporting processes
* Built new MI reports using Business Objects XI 2.00 Web Intelligence and SQL Server 2005 as the business transitioned to this reporting platform from Access/Excel;
* Acted as MI Manager whilst full-time position holder covered for a senior manager, leading a team of 2 developers and 2 Reporting Analysts.

*VBA Developer / Access Specialist* (contract) *UBS investment Bank*  Nov 2007 to Jul 2009

I was seconded to the Portfolio Reporting Group to work on tactical Risk Weighted Assets (RWA) Calculator tool.

* Worked closely with a BA to provide a tool that could perform the detailed RWA and EL (Expected Loss) calculations for counterparty trading book
* Calculations were produced for SFT and OTC products across company and Group
* MS Access was used for data storage and MS Excel for statistical calculations with associated inputs, LGDs PDs etc, extracted from the underlying Risk Data Warehouse
* A monthly extract was produced for Finance in the format required to meet their integration needs (Meridian) as well as Pillar 1 and Pillar 3 regulatory reporting and disclosures
* A detailed system specification was provided to enable ongoing support of the application
* The RWA Calculator was successfully developed and tested over 3 months to meet a BASEL II deadline
* All the initial requirements were met as well as a number of Change Requests

After completion of RWA project, joined Risk Change Management (RCM):

* Supported the Business Management (BM) and RCM groups by providing a tool to assist with resource planning, project/programme cost analysis and issue and risk management
* Role included gathering the business requirements, designing, building and testing the solution followed by roll-out to users across both functional areas
* A detailed User Guide was written and distributed
* Final version of the MS Access tool incorporated over 100 tables and in excess of 250 objects

*IT technical training with: FDM Group plc* Jul 2007 to Oct 2007

**EARLY CAREER:**

Before entering IT, I worked in a number of finance roles and qualified as an accountant (ACCA)

**EDUCATION & QUALIFICATIONS**

**Degree:** BA (Hons) Economics

**School:** 7 O Levels incl. English and Maths, 3 A Levels

**Technical:**  OCP Introduction to Oracle9i: SQL (2009)

MCTS SQL Server 2005: Implementation & Maintenance (2007)

MCP Visual Basic 6.0 Desktop (2001)

**Business:** PRINCE2 Registered Practitioner (2006)

ISEB Foundation Certificate in IS Project Management (2006)

FCCA (Fellow - Association of Chartered Certified Accountants)