ANDY MORREY

thelastconsultancy@gmail.com

07875 503637

PERSONAL STATEMENT

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| A highly proficient Solution/Data Architect with a proven track record of increasing efficiencies, streamlining processes, simplifying architecture and cutting costs through technically astute projects using an array of methodologies, best practice, innovative concepts and industry leading technologies.  I've fulfilled a multitude of tasks throughout my roles: creation of detailed system designs, provision of technical documentation, application development, database design, database administration, testing (Unit, SIT and UAT), solution architecture, data modelling, creation of architectural principals and leading a team of senior developers.  With over 20 years of experience in the IT industry it’s fair to say I've worked with some of the best and worst; tools and people. These experiences have given me the chance to understand what works well and what doesn’t work so well regarding analysis, data capture, project management, architecture, methodologies and the In-House vs COTS vs SaaS debate.  I'm blessed to have had these experiences; it’s provided me with knowledge of tell-tale signs that provide early indication whether a project, implementation or release is likely to be a success or failure, and as a result allow for proposed rectification where possible or necessary.  Furthermore, I am well presented, respectable and polite with a good sense of humour and strong business acumen. |

CAREER EXPERIENCE

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| Waterlogic UK, Wolverhampton, West Midlands | March 2018 – present |
| **UK Data Manager / Architect**   * Report directly to the UK Exec. * Implemented data principals and structure. * Created relevant data dictionary based on the Migration templates provided by IFS. * Designed Data Stage/MDM structure to assist in the automatic cleansing and provision of UK data for migration as part of the global IFS implementation. * Designed the Data Warehouse database structure to serve the UK business with data provisioned for IFS plus legacy the data from the systems being replaced by IFS. * Designed a variety of UI’s to assist in the manual cleansing of data for IFS where automation or legacy system changes are inappropriate. * Recruited and now manage team to develop and implement Data Stage/MDM and associated UI’s. * Instantiated Agile methodology for the rapid development of SSIS, SSRS and .Net UI’s. * Introduced Enterprise Data Transformation within Data Stage providing multi system/multi value translation, standardised data and a self-cleansing ability for downstream systems i.e. IFS. * Head of Data Cleanse scope covering existing data correction, system of capture validation and global data variances such as post code and county/province. * Head of UK Data Migration and therefore responsible for cutting over industry specific legacy systems (both utilise MSSQL) to IFS covering Customer Data, Suppliers, Financial Data (Balances, Assets etc), Orders, Work Orders etc plus 30+ data entities. * Produced road map for the development, deployment and evolution of the Data Stage/MDM landscape, increasing inter-connectivity and adopting 3rd party API’s in a bid to increase data accuracy * Full middleware architected with the view of it becoming the UK acquisition model in regards data. * Work closely with Senior Business teams and the UK Exec to consult and agree data for Migration, Review data cleansed prior to data migration and suggest improvements in IT landscape to better implement more effective, de-coupled data integration. * Working extensively with the Senior Business Teams and UK Exec to ensure the businesses reporting needs are captured and met from both a Financial point of view and Sales Forecasting point of view. In the interim this will be built in SSRS utilising the data warehouse structure but the front end will move to Tableau or Power BI once demonstrations of both are provided to the UK business. * Implemented governance and auditability through eMail, SharePoint and Service Now to provide full traceability of database structure changes, code changes, versioning of documents and business data sign-off. * Responsible for all UK Data related RAID items. * Responsible for the compilation and provision of Data orientated weekly status reports. | |
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| Radius Payment Solutions, Crewe, Cheshire | March 2018 – March 2019 |
| **ERP Solution Architect**   * Responsible for the design of all integrations within the Oracle Cloud and downstream to periphery systems. * Introduced re-usable integration components and services (web services, API and microservices). * Introduced the concept of data driven integration which complemented existing event driven integration. * Introduced Enterprise Data Transformation within system integrations providing multi system translation, standardised data and a self-cleansing ability for downstream systems. * Created a data dictionary covering a multitude of entities and components. * Utilised the data dictionary to develop conceptual and logical data models to enhance the inherited DB and system architectures. * Formalised the impact analysis process and documentation with the IT PMO. * Managed four Business Analysts working on ERP integrations. * Created Architecture framework and suite of Architecture documents. * Responsible for the creation of all Technical Specifications. * Implemented an efficient way of working covering requirements, design, build and test utilising modern tools such as JIRA, Confluence and SharePoint, aligning teams and providing full traceability. * Chairperson of the monthly TDA (Technical Design Authority). * Stakeholder management at the highest level on ERP project. * Responsible for the Integration RAID log and IT Project Raid log. * Provided weekly status reports to the Project Team and Stakeholders for IT Development. * Reported directly into the IT Development Director and CITO. * Instantiated hybrid methodology (Waterfall/Agile mix) for development lifecycle. * Introduced true governance around document sign-off, versioning of documents and software. * Standardised Requirements and Specification documents. * Worked closely with Business teams, Testing and Development. * Worked closely with Oracle Consultants on the design and integration of ERP, PBCS and Oracle custom BI reports. * Head of data migration for cutover of Oracle 10G data to Oracle ERP (Fusion) covering Customer Data, Orders, Deliveries and several other key data entities. * Responsible for the design and integration of Single View CRM within the Cloud estate. * Head of Customer Data Cleanse project covering existing data correction, system of capture validation and global data variances such as post code and county/province. * Produced road map for simplified future landscape, increased inter-connectivity and adoption of 3rd Party API’s for increased customer data accuracy (e.g. QAS for postcode and address validation, Companies House for CRNs etc). * Initiated a Continuous Improvement Process on the ERP project so that items not delivered at Phase weren’t lost but scheduled in post Phase. * Worked extensively with the BI Team ensuring that the businesses reporting needs were met from both a Financial and Sales Forecasting point of view through scheduled reporting and via Tableau (Self Service BI application). | |
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| Greene King, Burton Upon Trent, Staffordshire | June 2016 – December 2017 |
| **Data / Solution Architect**   * Setup the company’s architectural framework working solely with the Enterprise Architect. * Created suite of architecture framework documents including Solution Proposal, Architectural Design (ADD). High Level Designs (HLD) and Technical Specification. * Responsible for integration solutions across multiple systems and platforms covering the HR IT landscape, retail IT systems and external 3rd parties. * Introduced re-usable integration components and services (web services, API and microservices). * Redesigned project teams’ initial solution to reuse data components from core systems, reducing solution complexity, removing manual intervention and increasing output capability and data accuracy. * Defined and documented data entities following analysis of HR and 2nd tier systems that required HR data. * Received HR award for dedication and contribution to improving HR efficiency through improved system architecture, data integration and data accuracy. * Created Conceptual and Logical Data Models for IT systems contributing to the Corporate Data Model. * Captured existing system architecture and produced final strategic architecture, including transitional state. * Wrote Executive Summaries covering Data Integration, ESB, SSO and domain masking. * Wrote Executive Summary on Data Cleansing. * Created the data integration strategy for the senior IT team. * Documented Architecture Principles for the IT Project team to promote a consistent and cohesive way of working. * Documented Technical Configuration of new systems covering SaaS, PaaS and in-house development. * Technically oversaw IT projects providing architecture guidance on design, models, integration patterns and strategy. * Created Technical Specifications for multiple projects including Talent Management (Cornerstone), Workplace Facebook, HR Data Cleanse (Oracle PeopleSoft) and Website Futures (Umbraco). * Ensured internal and external support teams were ready for BAU handover. * Communicated with and supported application and delivery teams in the adoption of data designs. * Key member of the TDA (Technical Design Authority). * Wrote a technical justification for the utilisation of Facebook at Work vs public facing social media following in-depth system evaluation including integration capability and functionality. * Adopted an Agile approach in the initialisation of an interim SSIS Integration Layer to create and amend data mappings and canonical models for a variety of projects in mid-flow allowing for original P2P approach of integrations to be addressed and replaced with reusable data and services. * Introduced Enterprise Data Transformation to standardise and cleanse data in downstream systems. * Defined roadmaps for project rollouts, including transitional states and system decommissioning. * Contributed to the MDM strategy, pushing for integration through the creation and adoption of API and SOAP. * Wrote implementation plans for several projects over several releases. * Created data migration strategy for the migration of over 50,000 staffs historic training records. Over 700,000 unique records were loaded successfully into the new Enterprise level training system. * Created and documented the companies Archive Strategy. * Deployed Agile to deliver a new training platform to over 50,000 employees within 10 months, allowing configuration to be undertaken quickly to hit each release (some as little as 2 weeks apart).  This meant working closely with the Talent Team, HR and Operations staff from within the back office and within the pubs to ensure each release provided working software fit for brand, location and business role. | |
| Jaguar Land Rover, Leamington Spa, Warwickshire | January 2015 – June 2016 |
| **Business Systems Analyst / Integration Architect**   * Created Technical Design documents for SAP CRM integration of internal and external systems. * Created Service Contract specification documents, allowing for third party data format compliance. * Interviewed Subject Matter Experts, Business Owners and System Users of each interface to compile data flows and process flows of the ‘AS-IS’ solution before working collaboratively with teams to produce ‘TO-BE’ solutions. * Created Global On-Boarding process allowing for the integration of future systems, re-using existing services. * Generated a new form of web service integration diagram which received high praise by both IT and business users. * Provided the Test team with user stories extracted from key stakeholders and business users. * Managed Integration defects and incidents through root cause analysis, resolution and initial fix testing. * Resolved long standing issue with the First Registration system following a reverse engineering exercise of PERL code and SQL database scripts, SIS packages. * Created updated stack of Technical and Non-Technical documentation for the First Registration system support team including data flow, process flows and system architecture (interfaces, communication methods etc.). * Worked with several connection methods and security protocols including HTTPS, SFTP and SSL. * Designed solutions utilising multiple file formats including XML, Flat File, CSV and diocese plus several other systems specific outputs. * Created complex VBA scripts to extract data from Service Contracts for comparison and validation against XSDs to ensure compliance and adherence to Programme governance. * Responsible for the BRD for release 3.1, compiled following design meetings with third party suppliers, internal system owners, business representatives and SAP CRM consultants. The document comprises of over 430 requirements, 20+ systems for integration with several new interface services to fill gaps in the current integration landscape. * Created Business Process for the application of new data within multiple systems to ensuring data harmonisation. * Application of UML throughout documentation covering Sequence Diagrams, Entity Relationships and Use Cases. * Application of MVP and Prototyping to validate needs using HTML, CSS, JavaScript and VBA. * Reviewed SAP CRM design proposals, suggesting additional improvements to promote clear segregation between business logic and ESB transformation whilst adhering to the Enterprise Architecture principles and strategic vision. * Reviewed internal and external design proposals against functional and non-functional business requirements. * Part of an Agile environment utilising daily Scrums to help deliver a large volume of complex web services globally. | |
| EasyJet, Luton, Bedfordshire | July 2014 – December 2014 |
| Business Systems Analyst / Integration Specialist   * Reverse engineered the Data Integration layer, extracting Technical and Non-Technical data processing. * Compiled business logic from the Data Integration components. * Provided recommendations on the reconciliation of Finance data and data processing for transactions. * Interviewed Subject Matter Experts, IT Owners, Business Owners and System Users. * Documented finance business processes. * Created Use Case documentation to validate and capture the data processing from UI to Data Integration and into Agresso Finance system. * Responsible for the compilation and creation of all Technical documentation for the Data Integration layer. * Wrote Solution Options document covering costs, Data Integration improvements, architecture and BAU processes. * Provision of technical skills/knowledge to assist other BAs working on other interfaces on CIP initiatives. * Facilitation of integration workshops at both technical and non-technical levels to set business expectations and validate the analysis undertaken. * Documented RAID items against technical and business processes in relation to integration points * Suggested several improvements to increase security, efficiency and robust interface communication. * Captured business process flows at levels 1, 2 and 3 for Finance Reconciliation work. * Compiled data matrix, highlighting how each iteration of product(s) purchased mapped into the Finance system. | |
| Travelex, Peterborough, Cambridgeshire | November 2012 – July 2014 |
| **Business Systems Analyst / Integration Specialist**   * Utilised globally to analyse and document middleware and interfacing systems (at code level). * Created Functional Specifications for ETL/ESB middleware components and integrations. * Reverse engineered 40+ key interfacing systems allowing for the ‘as is’ system landscape to be captured. * Interviewed Subject Matter Experts, IT Owners, Business Owners and System Users to extract information on data flow, business processes, batch files, scheduling, inputs, outputs and manual intervention. * Documented finance business processes. * Captured System Integration requirements from finance stake holders and downstream teams. * Creation of Use Case documentation to assist both Development and Test teams for Unit/SIT/UAT. * Responsible for the solution architecture and development of a global FX process solution, covering data transformation and delivery into the GL through an extensible, reusable module coupled to a journal template * Key player in liaising between project work streams and external Talend (ETL/ESB) middleware team. * Responsible for analysis and data mapping of each interface, concluding the ‘TO BE' solution. * Documented solution designs including methods of data communication, with a view to increasing security, efficiency and assisting in the delivery of robust data transformation. * Facilitation of integration workshops, by release, to key stakeholders at both technical and non-technical levels. * Created Integration Framework to standardise the capturing of technical information and planning of integration for multiple interfaces covering EMEIA, NAM and APAC regions of the business. * Documented technical and process risks prior to suggesting improvements. | |
| AdminRe, Telford, Shropshire | May 2011 - November 2012 |
| **Business Systems Analyst**   * Created and documented a team-based Software Development Lifecycle in line with ITIL. * Technical Lead and Architect for system processing automation project. * Project Managed the re-platforming and data migration of 20+ Access Databases onto Oracle 10g and C#.Net. * Key player in the division and creation of both the Change and Release processes for the Admin Re UK business. * Developed an SQL solution (with Fuzzy Logic) to review preferred suppliers against HMRC Sanctions List. * Created Technical Documentation following reverse engineering of PL/SQL scripts. * Responsible for the improvement and automation of business processes in relation to finance extracts, unit movements and customer service databases. * Responsible for the analysis and data mining of financial data to assist in the balancing of customer GL. * Key member for knowledge and assistance of XML, SQL, VBA, Excel, Access and Query Studio. * Devised and implemented ITIL live service framework for the support and maintenance of Annuity databases. * Provided measurable enhancements in the accuracy and efficiency of MI reporting. * Improved two key processes, removing 80% of manual intervention in favour of automation. | |
| Muller Dairy UK, Telford, Shropshire | March 2007 - April 2011 |
| **System / Business Analyst**   * Researched and evaluated 3rd party applications against MOSCOW requirements captured from key business users. * Project Lead on system upgrades. * Documented logical data models and data flows. * Ran continuous improvement programme across Sales & Marketing, Supply Chain and Customer Relations delivering updates, enhancements and patches monthly responding to business change. * Technical Authority for the UK Intranet replacement (using TYPO3). * Increased application knowledge of the Sales and Marketing area through a series of workshops and user groups. * Designed and built a Promotional Reporting application which led to an increase in Promotional sales volume. * Same Promotional Reporting application rolled out to Muller Germany following UK success. * Completed GAP Analysis between ERP and ERP/EDI hybrid processes as EDI Technical Authority. * Created online ordering POC for non-EDI customers following extensive customer meetings, logical data modelling, data flow analysis and system design leading to increased order accuracy. * Used SSADM and UCD as Architect to increase security of high value data by moving local installations of data onto a secure shared database. * Regularly received awards at monthly IT Cascades and mentioned by name at Team Leadership meetings. * Streamlined and automated SAP COPA process increasing reporting accuracies and minimising compilation time. * UK Project Lead for the migration of the UK EDI service to Germany. * Increased functionality, validation and efficiency of Sales Forecasting application. * Head of CRM 5.5 Testing. * User Administrator and Content Administrator for the UK SAP Portal. * Head of EDI for Muller Dairy UK and Culina Logistics. * Streamlined and standardised EDI processes following extensive in-depth analysis of Muller EDI, SAP and the Sales and Finance areas. * Replaced paper based administrative forms with web forms held on the UK Intranet. * Replaced manual quality reports with automated HTML reports. | |
| Capgemini (ASPIRE Account), Telford, Shropshire | July 2004 - March 2007 |
| **Team Leader / Senior Software Engineer**   * Won six new systems for development and support following internal tender. * Introduced training plans for all staff. * Received official praise from senior London based HMRC customers direct to ASPIRE Area Head for live service support on monetary system. * Set MCSE certification as an objective for all staff. All attained. * Nominated for two ASPIRE Awards for outstanding work and company contribution. * Migrated confidential Tax Payer monetary system. * Reduced travel costs, downtimes and maintenance issues by enhancing system infrastructure * Oversaw HMRC data cleansing exercise producing refined data for Oracle database upload. * Technical Authority on multiple high value, high visibility projects. * Replaced old BACSTel system with Eiger Payment Gateway. * Accepted on an Accelerated Development Academy (ADA) – 1 of 30 people out of over 300 applicants. * Technical Authority for two Visual Basic 6 applications covering entire lifecycle from analysis to live service support. * Deployed Agile software development methodology to create POC for Leeds Account Office. * Massive positive impact of POC led to funding for a National system and additional revenue in excess of £1m. * Assessed multiple Modern Apprentices following completion of NVQ Assessor Qualification | |

TRAINING AND DEVELOPMENT

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| Presentation Skills | SAP Sales and Distribution | Advanced SQL Querying |
| Interpersonal Skills | SAP NetWeaver and Portal | Effective Time Management |
| Negotiation | SAP Solution Manager | Business Process Auditing |
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TOOLSETS & LANGUAGES

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| **Advanced Knowledge Level** | |  | |
| MS Office  MS Visio  SQL Enterprise Manager  ESB (Enterprise Service Bus)  ETL (Extract-Transform-Load) | VB6  VBA  SQL/PLSQL  SaaS  PaaS | | HTML  CSS  XML (eXtensible Mark-up Language)  XSD  MDM (Master Data Management) |

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| **Confident Knowledge Level** | |  | |
| Cornerstone on Demand  EDI (Electronic Data Interchange)  RUP (Rational Unified Process)  UML (Unified Modelling Language)  SOA | API  Web Services  SOAP  Altova Enterprise Architect  SSIS | | ASP (Active Server Pages)  FTP Script  VBScript  DOS Batch Script  SSRS |

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| **Working Knowledge** | |  | |
| CODA v12  Agresso  SAP CRM  Oracle PeopleSoft  Broadbean  Service Now  Remedy  RecVue (Ad-Orb) | Workplace Facebook  RMS (Retail Management System)  Basis NextGen  Photoshop  Umbraco  Micro Services  SSO (Single Sign On)  MFT/MSS | | MySQL  JavaScript  PHP  .Net Framework  COBOL / SCL Mainframe  Oracle Data Integrator (ODI)  Oracle Fusion ERP  Oracle PBCS |

QUALIFICATIONS

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| 10 GCSE’s at grade C and above | NVQ Level 2 in Software Creation | TOGAF Foundation |
| BTEC Business & Finance | NVQ Level 3 in Developing IT | TOGAF Practitioner |
| ITIL Foundation | NVQ Level 3 in Assessment | Agile Foundation |
| ITIL Practitioner |  | Agile Practitioner |

*Please note that References are available on request.*