ANDY MCAULEY

Personal Info
Mobile: 0779 165 3854
E-mail: andy.mcauley@gmail.com

Highly effective, versatile and motivated consultant with over 20 years of experience in IT, and over 10 years of experience as a consultant to small and medium enterprises. Hands-on proactive problem solver, delivering solutions to the highest standard whilst minimising impact on the client, minimising cost and increasing profit.

Skills

- **SQL Server**

  v6.5-2017: Design, tuning, administration: security, replication, backup, ETL/ELT, HA, T-SQL, Triggers, Stored Procedures, Indexed Views, SSIS, SSAS

- **Microsoft Stack**

  C#, EF6, MVC4, ASP/.NET, VS2017, IIS, Windows Server NT3.51-2016, PowerShell, MSMQ, VB.Net, VBA , Access (v2.0-2013)

- **Web Tech**

  JavaScript (Knockout, jQuery, VueJS, ExtJS, Dojo, JSON), HTML5, CSS3 (Bootstrap, Materialize), Bash, VB.Net, VBA, Magento, PHP7.0, XML/XSLT

- **Devops**

  AWS: EC2, S3, EBS, Cloud Formation, RDS, Octopus, Splunk, Wireshark

Work History

2019-12 – Current

Freelance Technical Consultant

Facetheory, Sheffield

- Develop create skin-care routine questionnaire and builder Facetheory's shopify site. BI set up of Facetheory sales (MariaDB / Google BigQuery)

2019-07 – 2020-03

Freelance Technical Consultant

TVS SCS Sheffield (Epitomy Solutions), Sheffield

- Provide support for in-house application, DataManager, and supporting websites (EPC) for Epitomy's clients (TVS, MCBC, Diageo, LDV, Optare, Dennis Eagle, Leidos). Troubleshooting, bug fixing and deployment of application and web sites.

2018-05 – 2019-07

Freelance Technical Consultant

Greencity, Glasgow

- Worked closely with in-house IT team to create bespoke solution significantly improving overall functionality and performance.
- Created B2C website extending Magento base. Automated ETL of product, pricing and barcode data from Sage X3 ERP.
- Implemented technical client and user training on new system and deployed software on client's internal systems.

2017-05 – 2017-07

Freelance Technical Consultant

Alpharooms, Uxbridge

- Investigated and addressed system issues to enhance usability and improve functionality.
- Took ownership of SQL Server performance management.
- Migrated live AWS DB Servers from 2012 to 2016 and implemented High Availability.
- Mentored in-house Navision developers in migration of Navision ERP to new servers and delivered in-depth training to users on best practices for protecting data and minimising errors.

2008-08 - Current

Freelance Technical Consultant

Essential Trading, Bristol

- Worked closely with in-house IT team to create and maintain bespoke Pricing, Buying and Booking applications to integrate with and improve on existing ERP UI, significantly improving user experience, overall functionality and performance.
- Developed bespoke B2B website, creating a new revenue stream for the client. Automated ETL of product, pricing and barcode data from client's ERP.
- Consulted regularly with internal stakeholders on application development project status, new project proposals and software-related technical issues.
- Implemented business and technical client training on new systems and deployed software on website and internal systems.

- **Source Control**

  SVN, GIT, TFS, Jira, Trello

- **MI/BI**

  Prism, Tableau, PowerBI, Google Datastudio

- **Linux Stack**

  Debian, Ubuntu, Apache2, NginX, MySQL (v5.5-8.0), MariaDB, PhpMyAdmin, Percona, Bash, MongoDB

- **ERP/Finance**:

  Navision (v4,2009, Dynamics NAV), Sage (500/X3/50), Samtouch/ Samstock

- **Methodologies**

  Scrum, DSDM, SSADM

- **Soft Skills**:

  Mentoring, remote working, self-starter, time management

2008-08 - Current	**Freelance Technical Consultant**

Freelance Technical Consultant
Lembas Ltd, Sheffield

- Worked closely with client to develop bespoke stock control, sales and purchase processing, and EPOS applications that significantly improved functionality and performance.
- Automated ETL of price and product data from key suppliers.
- Developed bespoke B2C website. Automated ETL of product and pricing updates from stock control application.
- Consulted regularly with client on application development.
- Implemented user training on new systems and deployed software on client's website and internal systems.

2008-08 - Current

Freelance Technical Consultant
Sheffield Wholefoods, Sheffield

- Worked effectively with key stakeholders to develop bespoke stock control and purchase order processing applications that significantly improved functionality and performance.
- Automated ETL of price and product data from key suppliers.
- Advised on choice of EPOS application and improved speed and accuracy of Sales and VAT reporting.
- Consulted regularly with client on application development project status and technical issues.
- Implemented business and technical client training on new systems and oversaw software integration on client's website and internal systems.

2007-03 – 2017-05

Technical Consultant
Alpharooms, Sheffield

- Ownership of the design, maintenance, security, performance tuning and monitoring, upgrade and disaster recovery strategies for SQL Server cluster (content, booking information, logging and Navision ERP).
- Migrated booking and content database cluster to AWS.
- Took ownership of maintenance and code review of development team's test SQL environment.
- Enhanced information flow between web application and ERP by automating replication, transformation and transfer of booking and FOREX data between data repositories.
- Enhanced content management workflow through automation of de-duplication, transformation and matching of data extracted from key EDI providers to import into in-house asset library.
- Key liaison between IT and internal stakeholders, advised on best practice for integration of business requirements.
- Worked closely with FD to maintain and develop Navision ERP and provided detailed requirement specifications to 3rd party developer for bespoke modifications.
- Acted as Mentor to MI/BI Team: code reviewed reports, advised on troubleshooting and performance, and ensured milestones and deadlines were met.
- 24 hour on call.

2005-02 – 2007-03

Software Development Manager
Alpharooms, Sheffield

- Worked closely with MD to redesign website and develop new travel products (travel insurance, transfers, flights, car hire, car parking and modifications).
- Recruited and led team of 15 developers in analysis and rebuild of website from beginning design through to completion and launch of website, using ASP.NET/C#.

- Maintained and developed new EDI provider classes for existing in-house Booking Service using VB.Net.
- Introduced agile working methodologies and led planning, reviews and retrospectives.
- Documented technical workflows, coding style and code review processes in wiki for education of newly hired employees.
- Took ownership of the design, maintenance, security, performance tuning and monitoring, upgrade and disaster recovery strategies for SQL Server cluster (content, booking information, logging, BI and Navision ERP).
- 24 hour on call.

1999-12 – 2005-02

Technical Team Leader
ICDC, LIverpool John Moores University, Liverpool

- Member of Project Management Board, Resource Management Team, Operational Strategy Group.
- Key liaison point between the IT and Marketing, Education and Business Teams.
- Provided technical consultancy and delivered in-depth training to client base of SMEs, imparting knowledge of best practices.
- Authored and delivered lectures for MA Multimedia Arts, BA Interaction Design, and designed short courses in emerging technologies for SMEs.
- Explored emerging mobile technologies (SMS, GML).
- Database Programming Team line manager, taking responsibility for recruitment, appraisal, CPD and training.
- Maintained related hardware in good working order.

EDUCATION

- Sheffield University: BSc Honours Pure Chemistry - 1st
- St Francis Xavier's College, Liverpool: 4 A-Levels, 11 O-Levels