**CURRICULUM VITAE**

**Mohammed Yaseen**

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**NATIONALITY:** British **Driving license: Full And Clean**

## DevOps Skills Practiced In Sainsbury’s Supermarkets Ltd.

In Sainsbury’s AGILE software development techniques have been utilized. This was coupled with software tools including Git, GitHub, Terraform, Chef, Jenkins, Octopus Deploy, Appveyor and PowerShell to create infrastructure on the Amazon Web Services platform and deploy .net code.

Have setup Rabbit MQ clusters and S-FTP servers using Ubuntu Linux. Infrastructure is created on AWS using Terraform on an Ubuntu workstation. Also utilised Scrum and Kanban techniques. Have used Atlassian Jira and Confluence to keep track of work pipelines. As well as being proficient with AWS, I have been learning about Microsoft Azure, with a particular keen interest in the Azure IOT Suite for future projects. Have working knowledge of Visual Studio 2015 and SQL Server 2014. IBM Bluemix platform coupled with Node Red has been used to create personal IOT projects.

## IT Management Skills

My total compliment of skills has been employed to maintain, enhance and upscale business critical systems which are required to run 24/7 all year round. Supporting users in a distributed environment comprising of 30 plus sites.

Engaged in maintaining, enhancing, implementing and supporting a web based software as a service package called Caretrack. Which was provided to NHS organizations across the country.

My IT management skills include:

* migrating data from legacy databases to Microsoft SQL Server
* Software specification; Offshore software development team liaison and management
* Correlating submitted time sheets with work done against software specification
* Microsoft Hyper-V server and virtual machine setup
* Procurement, installation and management of SonicWall firewall apparatus.
* Specification of backup solutions for general backups using Symantec Backup Exec and Virtual machine backup using Altaro
* Maintenance of backups
* On-Line, Off-Line and Off-site
* Mobile device encryption using Truecrypt
* Front line IT support for company employees and remote user support using Teamviewer
* Mobile device tracking and securing using Prey Project
* Customer liaison and support including site visits to NHS organisations
* Diagnosis of web application issues using Wireshark protocol analyser and Fiddler2 web debugging proxy software
* Migration of web applications to cloud services like Microsoft Azure.

## Project Management Skills

I have managed the specification, installation and commissioning of a new webserver for CHS Healthcare Ltd. Business critical web applications were migrated from an old .Net 2.0 IIS 6.0 platform to .Net 4.0 IIS 7.5 platform with minimal downtime. Risk analysis was carried out and potential pitfalls were identified. A local hardware maintenance company and an off-shore software development team were also involved in the process. I delegated relevant tasks to appropriate people whilst keeping senior management informed of progress at all stages. Also have separated a shared database which served two live web applications into two distinct databases. This required detailed investigation of the database as minimal documentation was available and liaison with software developers to re-direct requests to the correct database for each application.

## Software Development Skills

My core software development skills encompass requirements capture, design, coding, delivery and support of applications. Proficient at working throughout the complete life cycle of a software application. I am good listener and communicator and can turn ideas into practical software applications. I enjoy working in a customer facing role and am able to effectively co-ordinate people with hardware and software skills to produce and maintain mission critical applications.

The current software development tools that I use are Microsoft Visual Studio 2015 coupled with MS SQL Server 2012. VB.Net and ASP.Net are the main tools that I use along with the JQUERY Javascript library. I am actively learning C# and MS SQL Server 2014 Business Intelligence features.

**Technical Details**

In my last software development role I have used Microsoft Visual Studio 2010 to work on a web application to create ASP.NET pages for capturing user input. The user input was validated client side using Javascript before being posted to the database server via data access components. The data access components were created to use parameterized queries to call stored procedures. Parameterized queries were used to prevent SQL Injection attacks. Web reports were generated by using ASP.NET pages to capture user search criteria. Stored Procedures were used to return result sets which were displayed using Crystal Reports components and PDFLib components for downloadable PDF files or ASP.NET Grid components to create HTML reports. Some reports were created as downloadable Excel files.

VB.Net was used to create software for data migration tasks. Data was read from Excel spreadsheets and inserted into many different SQL Server tables for each record whilst maintaining data integrity. Maintaining data in sync across numerous tables whilst importing was imperative. This application used WinForms and Data access components.

In a previous role I created an application using VB.NET 2005 to capture photos from Nikon professional cameras in real time to a laptop for preview and saving. Subsequently the photos would be used to overlay various borders selected from a saved portfolio and take orders for prints and the orders would be uploaded to a central server for printing.

**General Details**

I have used all aspects of Visual Basic to develop software. I am also proficient in VB 6.0, SQL Server and Access, ASP, ADO, COM and Data Report Designer. I have developed applications using Visual Basic 2005 and SQL Server 2005.

I also have developed software using Microsoft Access 97 and 2002, using standard Access features as well as ADO, ADOX and VBA.

My SQL Server skills include: Installation, administration and use. I use the SQL language, triggers, stored procedures and DTS to manipulate data and tables.

## Education

**October 1989 - May 1993**

Ph.D. In Bio-Medical Research(Gap Junctional Intercellular Communication). Dept of pharmacology, University College London. Rayne Institute, 5 University Street, London. WC1E 6JJ.

**October 1996 - July 1989**

B.Sc. In Biological Science (2.1), University of Leicester, University Road, Leicester. Chemistry was studied as a supplementary subject in the 1st year. Final year courses taken were: Cytology, Cellular Biochemistry, The Eukaryote Genome, Microbial Genetics. Final year project on transfer of plasmid encoded proteins between bacteria.

**September 1983 - July 1986**

8 G.C.E. O-Levels: 3 G.C.E. A-Levels in Biology(B),Chemistry(B), Physics(C). Halesowen College, Whittingham Road, Halesowen, West Midlands.

## Professional Courses Completed

**August 19 2016**

AWS Technical Essentials Course. Held at Sainsbury’s Store Support Centre, Walsgrave, Coventry

**August 22 -24 2016**

Amazon Web Services System Operations Course. Held at Amazon HQ, High Holborn, London.

**Feb 2 2016**

Chef Essentials Course Held at Sainsbury’s Store Support Centre, Walsgrave, Coventry

**April 10 - 14 2000**

Mastering Web Development Using Microsoft Visual Interdev 6 Held at ARIS,Birmingham.

**August 24 - 28 1998**

VB 5 and ActiveX for Enterprise Applications: Hands On. Held at Learning Tree International, Hammersmith, London.

**January 1996 - February 1998**

City and Guilds Programming in Microsoft Visual Basic 3 elementary and Intermediate courses studied part time and passed at Halesowen College of Further Education, Whittingham Road, Halesowen, West Midlands.

## Professional Work Experience

**April 2015 to Present**

DevOps Engineer in Digital & Technology Division, Sainsbury’s Supermarkets Ltd

**November 2011 To February 2014**

IT Manager at CHS Healthcare Ltd. Sutton Coldfield, Birmingham.

Main focus of my role is hardware maintenance, software development and data migration.

I maintain production MS SQL Server, Web server and other IT Infrastructure as well as being actively involved in software development.

Upgraded production web server from Microsoft IIS 6.0 to IIS 7.5 and have virtualized servers and consolidated hardware using Microsoft Hyper-V Server.

Co-ordinate with software development team in India to maintain and enhance web application used by numerous NHS CCGs

Actively working myself to enhance ASP.Net 4.0 web application with SQL Server 2008 R2 Database used by CHS Healthcare staff around the U.K.

I brought new customers on stream by migrating data from legacy applications into MS SQL Server.

Complex data is imported via Excel spreadsheets into SQL Server using a data import application written in VB.NET 2010 by me.

I support remote users in offices around the U.K. and those working from home using remote access technologies.

**March 2006 To December 2011**

Worked part time for A2B Radio Cars Ltd, Birmingham to produce a driver information database and automated job allocation rota system. This application was developed using Visual Basic 6.0 and SQL Server 7.0.

**April 2006 To February 2007**

Worked part time for Dunns Imaging Plc on a contract to produce a Microsoft Visual Basic 2005 and Microsoft SQL Server 2005 application. The application was used to capture photos from Nikon professional cameras in real time to a laptop for preview and saving. Subsequently the photos would be used to take orders for prints and the orders would be uploaded via dialup lines to a central server for printing.

**December 2005 To January 2006**

Worked part time for Dunns Imaging Plc on a contract to produce a Microsoft Access application to automate proof printing of images for photographers from digital images.

Tasks included importing images onto local drive from CD-ROM, writing image details to an access database, creating an access report from that database to print individual image details and thumbnails onto a printed page.

Previously, images had to be manually placed on a page and printed. My application enabled automation of the process whereby a few clicks batch processed hundreds of images in a short period of time.

**August 2005 To November 2005**

Worked part time for Dunns Imaging Plc on a contract to produce a workflow project using VB 6.0 and SQL Server to receive orders via ftp and automate production of orders with minimal human input.

Tasks included designing a database, importing a CSV file into the SQL Server database, displaying the imported data in a TreeView and Flexgrid control, providing a search facility for records in the database, pint job sheets of work to be done, sending jobs to print to Fuji commercial photo printing machines, creating dispatch letters for each customer using MS word automation, dispatching orders and creating MS Excel report files for emailing to the customer using DTS on daily and monthly basis, returning orders which could not be printed for technical reasons, creating invoices at the end of the month and producing accurate reports of stocks used for orders in a given period.

Use of classes and reusable objects was extensively made. The application allowed a relatively unskilled person to drive the whole business process from one aesthetically pleasing interface.

This application routed sub products in an order to be routed to the most appropriate printing machinery.

**November 2004 – July 2005**

Worked part time for Dunns Imaging Plc on a contract to develop an application called ImageSync to capture and manipulate images taken by professional photographers. Project was developed using VB 6.0 and MS Access

Tasks included capturing images in real time as they are taken and downloaded from a professional digital camera, writing image, photographer, location and subject information to an Access 2002 database. Allowing images to be re-viewed, cropped, rotated, made into thumbnails and saved.

Extensive use of classes and reusable objects was made and image manipulation was done using the functionality encoded in the GDI+ DLL

Worked for Dunns Imaging Plc on a contract to enhance ImageSync and to develop a VB 6.0 and SQL Server application to streamline digital image processing and integrate with web order processing.

Tasks included enhancing the application to enable on the spot proof image prints to be made to be able to be handed to subjects as images are taken.

Worked for Dunns Imaging Plc on a contract to develop an application to provide aged debt reports. Application was developed using Microsoft Access to give timely reports of customers with outstanding debt.

**July 2003 – December 2011**

Director of Proactive Computers Ltd, 827 Stratford Rd, Sparkhill, Birmingham. B11 4DA.

**July 2000 – December 2011**

Director of Computer Systems & Peripherals Ltd, 44 Garratts Lane, Cradley Heath,

West Midlands. B64 5RG. Whilst in this role I developed an application called ShopManager as a Point Of Sale System to encapsulate all business processes including pricing, stock control, invoicing, contact management and custom quotation. This application was developed using VB6 and MSDE as the Database. I sold the business in September 2002. I bought the business back in November 2006.

**October 1999 – July 2000**

Software Developer, Objectivity Limited, 9 Westwood Way, Westwood Business Park, Coventry, CV4

8HA. Created Access 97 applications and worked on N-Tier VB6 point of sale software system built for a very large retail chain. The application was built using COM objects.

Tasks included, maintenance of code, writing enhancements, modifying Crystal Reports, maintaining SQL server database and checking data integrity over wide area network.

**March 1998 - September 1999**

Software Development Consultant, H.M.T. Systems Ltd., 110 Birmingham Road, West Midlands.B64 6RX.

Worked on a staff rostering package built with VB5 and SQL Server 6.5 for the graphical organization of hospital nursing staff. Played a principal role in coding the graphical interface for the application using classes and objects in VB5.

**August 1st - 31st 1997**

Computer software, hardware and network technician. Sandwell College of further education.

**September 1996 -January 1997**

Part time resources officer, Solihull College of further education. Taught students the use of MS Office packages.

**August 1995 - September 2002**

Director in a business retailing computer systems and peripherals. CSP Ltd, 44 Garratts Lane, Cradley Heath, West Midlands. B64 5RG. Tel: 0121 561 5552, Fax: 0121 561 5553. Sold Business In September 2002

**November 1994 - July 1995**

Post-doctoral research scientist, Division of infectious diseases, Department of cellular and molecular biology, St. Georges' Hospital Medical School, Cranmer terrace, Tooting, London. SW17 ORE.

**February 1994 - July 1994**

Senior Scientific Officer, Biomedical & Genetic Engineering Laboratories, I & T Centre, P.O. Box 2891, G-9/1, Islamabad, Pakistan.

**July 1993 - Sepember 1993**

Post-doctoral research assistant, Dept of clinical pharmacology, University College London, Rayne Institute, 5 University Street, London. WC1E 6JJ.

## Hobbies & Interests

My hobbies include photography and computing. I hold a British Private Pilot’s Licence (Renewal required). My flying training has been on a Cessna 152 aircraft.

## References

References will be supplied upon request.