

Curriculum Vitae

Name : Azhar Khan (Mr.)
Nationality : British

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Personal Profile

I am a **reliable** individual who demonstrates a diligent, **conscientious** and **enthusiastic** approach to work, with the ability to think **creatively** and logically, allied to a **strong** sense of **organisation** and planning. Believe that patience, **perseverance** and **teamwork** contribute to the overall performance. I have also demonstrated a firm sense of responsibility and my capacity to work hard under pressure. I possess excellent verbal and written communication skills and am able to relate to a wide range of people, from line workers to managing directors, as proven by my varied work experience.

DeMontfort University : BSc Computer Science



Oracle Certified Professional : 11g : Advanced PL/SQL
Oracle Certified Professional : Forms Developer , Build Internet Applications

Check out some samples of my work at: https://www.youtube.com/watch?v=xBsVw0_-xQ4
Crypto Tracker App on Google Play : play.google.com/store/apps/details?id=com.cashxrp.cryptoalerts

Work Experience



June 2023 –
Green Flag Consultants
Role: Android/Web App Developer

Primary role to design and develop Distributed Ledger Technology related apps and services. Have completed the development of a Crypto currency tracker app on Android and is now available on Google PLAY store, see link above. Currently designing and developing a web API service to send and receive the crypto currency XRP with privacy over the XRP Ledger,

Environment : XRP Ledger, Python, MySQL , Docker containers, FastAPI and NGINX



February 2022 – March 2023
Manchester University NHS Foundation Trust
Role: Senior DBA

Primary role was to securely move system data from one Trust to another. Provide server and DBA support to system implementation teams within the MFT migration programme. This included coordinating with IT services to provide and allocate appropriate server and storage resources as well as troubleshooting s/w installation and user access issues. Secondary role, to provide deployment services to PreProd and Prod environments for archived database developments.

Environment : SecureFTP, WinSCP, SQL Clustering and High Availability, SQL 2012-2019.



23rd August 2021 – 19th November 2021
Eurofins Forensic Services UK
Role : Senior DBA

Primary role as DBA to support the database migration of SQL 2016 and ORACLE 11gR2 databases from an insecure domain into a new air-gapped secure domain. Was responsible for installing and setting up SQL 2016 with HA-AG and ORACLE 11gR2 with Fail-Safe clustering. Was responsible for strategising the database migrations to ensure the minimum amount of disruption to the business.

Environment : Windows failover Cluster, Clustering and High Availability, SQL 2016 and ORACLE 11gR2.



16th January 2018 – 30th April 2020

University Hospitals Birmingham NHS Foundation Trust

Role : Senior DBA

Primary role as DBA to support over 200 LIVE SQL Server database servers, ranging from SQL 2000 to SQL 2017, for the main NHS hospitals in Birmingham including Queen Elizabeth and Heartlands hospitals.

Environment : Windows failover Cluster, SQL Replication, Clustering and High Availability, Rhapsody and HL7 messaging.



4th July 2016 to 30th June 2017

Lightsout Computer Services (lightsout.co.uk)

Role : Senior ORACLE BI Developer

Primary role is to design and develop new 11g Forms and Reports and maintain existing forms programs. This includes bug resolution and developing new add on features. I instigated the use of Reports 11g into Lightsouts' awards winning works management system, CORONA. CORONA customers include the likes of Virgin Media, McNicholas, Thames Water and Laing O'Rourke. For several years top management have wanted to integrate ORACLE Reports into their top selling software but had not succeeded. Within a month or so of joining Lightsout I convinced top management that we could start integrating new modern reports into CORONA. For the past few months I have independently designed and developed a new CORONA module, which is a highly interactive Forms 11g program for sending & capturing customer contact communications, which includes the automatic sending of email and SMS messages. On top of the day to day Forms development I have performed extensive R&D into BI Publisher and APEX for the production of interactive reports and dashboards.

Environment : ORACLE RDBMS 11g R2 & 12c, SQL, PL/SQL, Forms 11g and Reports 11g, BI Publisher and APEX 5.



12th May 2015 - 31st March 2016

North of England Commissioning Support (NHS)

Role : Senior BI Developer

Primary role was to design and develop new ETL processes. Two major projects included the development of a monthly NHAIS data loading process and the design and development of a new generic file loading application using SSIS and T*SQL. The prototype delivered was able to load any file of type text, Excel (single and multi-sheet), ZIP and XML. The application simply required entry of some basic file meta data and details of the destination staging table. The application included meta-data and data validation processing. This new application has the potential of saving NECS many man hours per week. On leaving NECS it was envisioned that my application would be integrated with a Web Portal to allow customers to upload files directly to the customer database tables without any NECS operator intervention.

Environment : SQL Server 2012 BI stack, SVN source control, RedGate tools and Redmine (project management)



27th October 2014 – 27th February 2015

Waterloo Housing Group

2 week project : Investigate transactional performance issues and advise.

Using SQL Profiler and Database Advisor, I identified the cause of delays between the Progress application and the SQL Server. Also replaced the Virtual Machines with physical hardware to prove that there was no real issues with the setup of the SQL Server.

Second project : BI Analyst to develop reports for the Finance department.

Developed several reports using SSRS and Excel 2010. I had the responsibility to gather and analyse report requirements and translate them into technical solutions. The reports were developed by extracting SQL source code using SQL Profiler as well as interpreting Progress source code. These new reports saved the users many man hours because previously users were unable to interrogate the source system, Capitas' CHMS, in a timely fashion. The new reports allowed the users to query the source on-demand and saved a considerable amount of manual searches and data entry, thereby improving data integrity and user performance.

To improve governance, I also developed standards for report development and deployment.

Environment: VM Ware, MS SQL*Server 2008 R2, Capitas' Housing System and InSight, Open Edge:Progress

13th August 2012 - 30th June 2014



Birmingham & Solihull Mental Health Trust (NHS)

Role : Data Warehouse Administrator.

I was responsible for deploying all new and modified code into the DWH systems, to ensure that the LIVE system was not interrupted or corrupted in any way. Secondary tasks included basic daily DBA tasks on the DWH servers including security and availability of the TEST and DEV environments, documenting the new RIO data warehouse, tuning ETL processes, tuning reports, application support and transferring DWH development skills to permanent staff. I also redesigned the hardware architecture to move from a single server, which had become practically unusable, hosting multiple BI stack components to multiple servers hosting single BI stack components.

Smaller independent projects included developing a new API for the WH processes for removing HARD coded business constants and producing a new process for anonymised patient data destined for external clients.

Environment: Virtual environments, Windows 7, SQL*Server 2008 R2, SSIS, SSRS & SSAS, SharePoint & PerformancePoint, Insight, RiO patient system.



11th January 2010 – 31st March 2012

SSP Group Plc (UK) – Select Service Partners (www.foodtravelexperts.com)

Role : Senior IT Developer

I was brought into SSP to replace an ailing production system that supported over 400+ retail units. The primary process was an overnight process which took on average of 6 hours to complete and would regularly cause major delays to other vital business processes. I successfully developed a new solution which is able to process the daily transactional data of all 400+ units in approx 6 minutes. This solution allows the UK business to change its End-of-Day business process, allowing them to plan for the next day during their end-of-day process. I then successfully ported this solution over to the M & S Simply Food business (which represents 40% of UK turnover) in a matter of weeks. This solution allowed the business to tap into hidden business information that was not previously accessible. The above solutions incorporated parallel processing and allowed multiple versions of processes to run side by side, allowing the business to easily test and pilot new processes in the production environment. My second year at SSP was primarily an application support and BI role. During this time I developed SAP HR and Payroll ETL processes and CUBE. I also learned C# and WPF for developing a prototype to show the Operations department how a Dashboard Client could be used to monitor the variety of SSP IT systems allowing them to proactively target problem areas. The prototype developed demonstrated that it could be configured and changed as and when required without modifying any code. During my time at SSP I showed exceptional skills in business analysis and delivering outstanding solutions, but due to redundancies, any career advancement within SSP came to a dramatic halt.

Environment: SQL Server 2005 – 2008, SSIS, SSAS, Visual Studio 2005-2010, .Net, C#, WPF, VSS 2005 and Infor Office Plus, SAP, AD network, Kimball and Agile development.



12th January 2009 – 24th December 2009,

Dawat-e-Islami (Global Charity), Birmingham (<http://www.dawateislami.net>)

As an analyst/programmer designed and developed a Contacts Database and a Stock Control application to handle deliveries, stock-taking, automated reorder levels and stock-out via invoice processing. Tasks involve Database install and maintenance, analysis & design (E-R diagrams via ORACLE Designer) and Forms & Reports 10g development. TOAD used for back-end development. Daily work was primarily developing Forms, Reports and PL/SQL code.

Environment: ORACLE 10g (SQL + PL/SQL Development), Forms & Reports 10g, Designer 10g, TOAD 9.6.



May 2008 to 28th November 2008,

Royal Society for the Protection of Birds, Sandy, Bedfordshire

As Marketing Database Developer I was responsible for analysing, designing and implementing improved methods of transferring marketing appeal setups from a test system on to the LIVE data-warehouse. Development included analysing and tuning existing SQL queries. On delivery, this facility immediately saved the appeal developers several hours (on a regular basis) of error prone and tedious copying of data from test servers onto the LIVE server. Also developed a Microsoft SSiS package for performing data cleansing in-house. The delivered SSiS package allows the RSPB to save several thousand pounds on every charity appeal and on cold catalogue mailings, therefore potentially saving tens of thousands of pounds over a period of a year. Both these developments were documented thoroughly.

Environment: MS SQL*Server 2005 (SQL, Trans-SQL, SSiS, SQL Server Manager), Windows 2000, Office 2000, SourceSafe

October 2004 to March 2008,

Project Sahara / Birmingham Children's Fund(BCF)

As Projects Coordinator to undertake all aspects of running projects for children aged 4-14years. With funding provided by BCF, I had the responsibility of running the day to day running of the office, sourcing and purchasing products and services, managing and training paid and voluntary staff, producing financial and non-financial quarterly reports for BCF and Birmingham City Council. During my time with Project Sahara I setup weekend clubs, arranged adventurous activities such as rock-climbing, skiing and horse-riding as well as large group outings consisting of 150+ people.

June 2006 – March 2008

Forex Trading

As the role with Birmingham Children's Fund was a part time role I also took a course on Trading Currencies and tried my hand at becoming Forex Trader, but due to the Global Meltdown in 2008 this venture was brought to a sudden halt. This experience gave me an insight to global finance markets and global economic dependencies.

May 2002 to Sept 2004,

"Time off" / Voluntary work

I left Toyota Cars to do some travelling. After returning from my travels decided to take some time off as paternity leave. While at home I helped set-up and run a local community group. This involved working with the community and several statutory bodies to arrange funding and event coordination for residential outings for the local young people.



31st October 2000 to 26th April 2002

Toyota Cars GB Limited, Epsom, Surrey (Contract £488/day)

Employed as a Business Objects consultant with primary role as Report and Universe developer. Secondary roles included technical user support and training, developing data transformation procedures/packages (ETL) on an SQL*Server 7 database and documenting the overall development of datamarts and Business Objects Reports & Universes. All code was tested using test scripts and a test system before release to the LIVE system. Before leaving I successfully trained up my replacement on user/system support activities. Daily routine included developing new SQL queries and maintaining T*SQL procedures and BO reports.

Environment: Business Objects 5, MS SQL*Server 7 (SQL, Tran-SQL, Data Transformation Services, SQL Server Manager), Oracle 8, AS/400, Windows NT 4 & 95



4th September 2000 to 27th October 2000

Signet Group, Birmingham

Was brought in to dramatically improve the performance of data warehouse loading packages (ETL). Primary objectives, to analyse & tune pl/sql procedures to utilise bulk load facilities offered by ORACLE 8i and to write unix scripts for validating and moving of raw data files into the data warehouse staging area. Load numbers ranging from 300K to 1.5 million rows of Point of Sales data. Successfully replaced existing procedures that took over 24hours to execute with procedures which completed the whole process within a few hours.

Environment: Business Objects 5.0, ORACLE 8i, PL/SQL, Unix, shell scripting and WindowsNT 4.0.



13th March 2000 to 4th August 2000

Jaguar Cars Limited, Browns Lane, Coventry.

Working as an ORACLE Analyst/Programmer continued and **completed the development** of a new **Business2Business** Vehicle Tracking system. The system allows external carriers to send and receive data related to the location of a vehicle. The main tasks included developing Business2Business **Unix shell scripts** and **PL/SQL packages** to retrieve data files, FTP'ed by external companies, validate these files and then load into the Jaguar database. **E-mail facilities** were incorporated to send error/log files, back to the carriers, so that the carrier could have complete responsibility of loading their own data into the vehicle tracking database. The system was linked to a **web based application** which allows the users to monitor vehicle movements as well as gives facilities to set parameters for sending and receiving data files. To complete the system off I designed a **Business Objects Universe** around the Vehicle Tracking database tables for **reporting and analysis** purposes.

Environment: Business Objects 5.0, ORACLE 7.3, PL/SQL, ORACLE Forms/Developer 6, Designer2000, (SunSolaris)Unix Business2Business, shell scripting and Windows95.

Current Skills list

Analysis, Design & Development	10+ years
Consultancy	10+ years
Business Objects	
Reporting	2 year
Universe Design	2 year
Data Warehousing	6+ years
SQL optimisation/tuning	8+ years.
ORACLE	
RDBMS 10g - 11g	2 year
RDBMS (v8)	2 year.
RDBMS (V6 & 7)	5 years.
General DBA Skills	4 years.
Developer	
Forms 4.5 – 11g	5 years.
Reports 2.5 – 11g	3 years.
Graphics	1 year.
Designer 2000 / 10g	2.5 years.
SQL*Loader	4 years.
SQL	10+ years
PL/SQL	6 years.
Pro*C	2 years.
MS SQL*Server 2005 – 2017	
DBA	2+ years
T*SQL	5+ years
SSIS	3 years
SSAS	2 year
SSRS	3 year
MS C# / WPF (.NET)	1 year
Java/Android	1 year
‘C’ (Microsoft & Unix)	2 years.
Unix environment	4 years.
Unix Scripting	2 years,
Network Programming	1 year.
Client/Server development	5 years.
SunSolaris Unix	3 years.