



TAUSEEF USMAN



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MICROSOFT CERTIFIED PROFESSIONAL

Designing Business Intelligence Solutions and Developing Web Applications
PROVEN SUCCESS MITIGATION ISSUES | CUTTING DEVELOPMENT TIME AND COST | IMPROVING PERFORMANCE AND ENHANCING SERVICE



SUMMARY

Experience Data Specialist and Software Consultant where combines deep technical knowledge with a passion for implementing high-quality and state of the art information solution which facilitating corporate growth. Lead cross functional teams with diverse technical backgrounds. Defines architectures while facilitating rapid development as well as stability and performance across multiple platforms . Experience of software development and expertise in data analyzing, integrating, reporting and deploying enterprise level applications using Azure Data Cloud Services, Snowflake, Databricks, Synapse, Microsoft SQL Server, Python, C#.NET and other Technologies.

I am a professional enthusiast, always looking for learning new skills and technologies and try to quickly implement in team and organization. I believe in results and enjoy solving my problems by automation and scripting. I also like to improve the processes and keen to do cost cutting by technology where necessary.



CORE COMPETENCIES

Data Integration | Data Analysis | Data Visualization | Requirements Gathering and Analysis | Solutions Development | Architecture Development | Training and Mentoring | Project Scoping and Management | Data Gathering, Mapping and Assimilation | Cost Reduction Initiatives | Technical Problem Solving | Process Enhancements | Performance Optimisation | Process Automation



EXPERIENCE

M1 Limited (Singapore)

March 2022 - Present

Lead Data Engineer

Managing a team of highly experienced engineers in the development of integrated systems using cutting-edge technologies. Collaborated closely with clients to understand their operational practices and requirements, ensuring seamless integration of new systems into existing workflows. Utilized to build and manage data systems and pipelines, ensuring the efficient ingestion of data into Snowflake for analysis. Collaborated with data engineering team to produce high-quality code and put solutions into production.

Key Achievements:

- Successfully led the 5 member team, responsible for transition from vendor-led to in-house development, resulting in improved control over development processes and reduced costs.
- Developed a comprehensive transition plan that outlined the steps needed to migrate from the vendor's services to in-house development, including timelines, resource requirements, and risk management strategies.
- Recruited and hired a team of talented data engineers with the necessary skills and experience to build and maintain data pipelines, and provided effective training and mentorship to ensure their success.
- Designing and developing scalable and highly available data pipelines using Azure services such as Azure Data Factory, Azure Databricks, and Snowflake Cloud, Apache Airflow.
- Successfully integrated data from multiple sources within Azure, including external APIs, partner data sources, and internal data systems, resulting in a more comprehensive view of the business.
- Collaborating with cross-functional teams, to identify business requirements and translate them into technical solutions.



SKILLS

Snowflake Data Cloud | Azure SQL | Azure Data Bricks | Azure Synapse Analytics | Azure Tabular Modeling | Azure Data Factory | Azure Data Studio | ADLS Gen2

Microsoft SQL Server | SSIS | SSRS | SSAS
POSTGRESQL | MYSQL SQL | MDX | DAX | XMLA | XML | JSON

Power BI | Tableau | ThoughtSpot Microsoft C# . Net | ASP.NET | HTML 5 | jQuery | CSS3

Python | Pandas | PySpark | Numpy | Matplotlib | R Language | Apache Airflow TFS | Git | VSS

Tools: Visual Studio | Visual Studio Data Tools | VS Code | SSMS | Azure DevOps | Jupyter | Anaconda | Work Bench | Azure Data Studio | DBeaver

Microsoft Dynamics CRM

Hiring | Team Building | Team Goals



ACHIEVEMENTS & AWARDS

Microsoft Pro: Designing and developing web applications using Microsoft .NET Framework 4 - Microsoft 70-519

Microsoft Designing Business Intelligence Solutions with Microsoft SQL Server - Microsoft 70-467

Microsoft Certified Professional



LANGUAGES

English
Urdu
Hindi
Punjabi



PERSONAL DETAILS

Marital Status : Married
Gender : Male
Skype : tauseefusman

Access World (Malaysia)

April 2021 - February 2022

Senior Business Intelligence Programmer

Responsible for providing financial and warehouse data from Microsoft Dynamic ERP and their analysis to management in the form of OLAP and reporting. Utilized Power BI and SQL Server Reporting Services to create visualizations and reports that enabled management to make data-driven decisions.

Key Achievements:

- Handled all instances from development to production by following DevOps best practices. Utilized Azure DevOps to streamline the software development life cycle, resulting in a 50% reduction in deployment time and improved reliability.
- Interacted with users from multiple regions to gather all requirements, design architecture, and implement according to their needs. Developed a deep understanding of business processes and leveraged that knowledge to create custom solutions that met the specific needs of each user group.
- Contributed to the overall success of the project, which resulted in a 25% increase in data accessibility and a 20% improvement in data accuracy. Improved data visibility and allowed management to make better-informed decisions.

Nettium Sdn. Bhd. (Malaysia)

April 2015 - April 2021

Senior Business Intelligence Developer

Responsible for the Data Management, Integrity and Reporting according to business needs. Performing data analysis and develop useful reporting to support management and business requirement. Enablement of OLAP & OLTP Development, Synchronization, Partitions & Aggregations to manage our data and reporting needs.

Key Achievements:

- Successfully migrated a large-scale data warehouse to SSAS, resulting in faster query response times, improved data accuracy, and increased user adoption.
- Improved the performance of SSAS by implementing optimization techniques such as partitioning, aggregations, and indexing, resulting in faster query response times and increased scalability.
- Implemented effective security measures within SSAS, such as role-based access control and row-level security, ensuring that sensitive data was protected and compliance requirements were met.
- Successfully developed and implemented a customer segmentation strategy that enabled the organization to better understand its customers, identify profitable customer segments, and tailor marketing and sales efforts to those segments.
- Collaborated with data scientists to develop and deploy advanced analytics models within an SSAS cube, leveraging features such as data mining and predictive analytics to drive insights and business outcomes.
- Trained and mentored other team members in SSAS cube design and development, building expertise and capacity within the organization.

Ovex Technologies Pvt. Ltd. (Pakistan)

August 2011 - April 2015

Senior Software Engineer

Recognised for unique combination of commercial acumen and technical expertise to translate ideas from concept into reliable and scalable products in fast-paced and dynamic environments while scoping and overseeing critical development projects within this software company and key player within Malaysia's IT industry.

- Orchestrated end-to-end system development and enhancements.
- Optimised online customer support and service performance engine in accordance with KPIs (Key Performance Indicators).
- Introduced multi-channel customer support, including: live chat as well as customer support performance calculation system.
- Cut dependences following introduction of integrated system.
- Reduced staff attrition having mentored and supported new staff while championing knowledge sharing.

Ovex Tech Pakistan Pvt. Ltd. (Pakistan)

December 2006 - August 2011

Senior Software Developer

As a Senior Software Developer, played a pivotal role in all major projects for our clients, participating in the entire software development lifecycle from requirement gathering to design, development, and demoing to clients and users across different states. My proactive approach to identifying and addressing potential issues, as well as my ability to collaborate effectively with cross-functional teams, helped ensure successful project outcomes and high levels of client satisfaction.

Key Achievements:

- Lead the design and development of a customer ticketing and support system. The system was built using a modern technology stack and included features such as real-time messaging, chatbots, and self-service options. The system was able to handle a high volume of customer inquiries and reduced response times by 50%. It also integrated with other IVR systems providing a seamless customer and agent experience. The success of the system led to increased customer satisfaction and a 30% increase in customer based over a six-month period.
- Developed reporting dashboards for management to gain insights into call volume, agent performance, and customer satisfaction. The reports were generated in real-time and provided the necessary data for management to make informed decisions regarding staffing, training, and process improvement.



EDUCATION

Allama Iqbal Open University

2002 - 2006

Bachelor of Science (BSCS.), Computer Science