RESUME

**NASIR WALLI MUHAMMAD Mobile No. 03346721665**

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| Professional Summary |

* **2+** Experience years as Senior Database Developer and used CloverETL for import process.
* **6+ Experience** years as software engineer in healthcare IT industry as EDI specialist.
* Extensive hands on development experience using and **MS SQL Server 2008, 2012, 2014 & 2017.**
* Good analytical and problem solving skills.

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| Experience Details |

* Currently working as Senior Database Developer in **MTBC** (Medical Transcription Billing Corp.)**,** US based unique health care IT company form Feb 2020 to till date
* Worked as Database Developer in **MTBC** (Medical Transcription Billing Corp.)**,** US based unique health care IT company form Aug 2017 to Feb 2020.
* Worked as Software Engineerfor **MTBC** (Medical Transcription Billing Corp.)**,** US based unique health care IT Company, from Dec 2010 to Aug 2017.

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| Educational Qualification |

* **MS(Computer Science)**

University : Abasyn, Islamabad.   
Continue : 2018

* **BSC(H) (Computer Science)**

University : UET, Lahore

Percentage : 69%  
Year of completion : 2010

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| Technical Skills |

**Programming**

* C\C++, C#.NET  
  Database: SQL, Microsoft SQL Server 2008, 2014, 2014 & 2017.

**CloverETL**

CloverETL is a Java-based data integration framework designed to transform, cleanse, and distribute data into applications, databases. A family of products that starts with an open source runtime engine, CloverETL's commercial offerings includes a fully featured Designer and Server platform Its goal is to be flexible and light-footed, so that it can be customized and embedded into third party applications. The open source and commercial products are developed and supported by Javlin, a data integration software and solutions provider.

**Designer Tools**

* Visual Studio 2005, RDLC Reports, Crystal Reports

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| Project Details |

1. **Automation of logs to enhance payments and verify missed claims Dec 2018 to till date  
     
   Technologies : CloverETL Community Edition  
   Client : PMC  
   Domain :** [**https://www.pikevillehospital.org/**](https://www.pikevillehospital.org/)

**Description:**

* PMC is a client of MTBC, There was an issue about logs received from clearing house some of claims missed and resulting in delayed in payments.

**Responsibilities:**

* Import logs received on daily basis and manage all data of client.
* Develop graphs and maintain those for client.

### Senior Database Developer: Technologies : Currently SQL-2017 Client : MTBC Domain : <https://www.mtbc.com/>

**Description:**

* Query writing, Tuning Database Queries, views and tables, functions and stored procedures, maintain logs, index and triggers.

**Duties & Responsibilities:**

* Provide guidance and support to Application Developers
* Upgrade and improve application schema and data upgrades
* Process work accurately and in a timely manner
* Proactively and regularly make recommendations for system improvements
* Design, develop and implement database systems based on customer requirements.
* Optimize database systems for performance efficiency.
* Prepare design specifications and functional documentations for assigned database projects.
* Develop database tables and dictionaries.
* Ensure data quality and integrity in databases.
* Identify any issues related to database performance and provide corrective measures.
* Create complex functions, scripts, stored procedures and triggers to support application development.
* Participate in database design and architecture to support application development projects.
* Perform data back-up and archival on regular basis.
* Test databases and perform bug fixes.
* Troubleshoot database related issues in a timely fashion.
* Develop security procedures to protect databases from unauthorized usage.
* Evaluate existing database and recommend improvements for performance efficiency.
* Develop best practices for database design and development activities.
* Query Optimization for different new or existing module using Query execution plans, index utilization, procedure cache utilization and Normalization Techniques.

### Database Administration: Technologies : Currently SQL-2017 Client : MTBC Domain : <https://www.mtbc.com/>

**Description:**

* Replication, Database back up, Jobs and services, check blocking on DB servers, query optimization, space monitoring, triggers, indexes, views , functions , alerts, login and securities and VM for SQL server, SQL report Builder, SSIS packages and regular server maintenance

**Duties & Responsibilities:**

* Monitor and maintain system health and security
* Create accounts for all users and assign security levels
* Provide end-to-end technical support and problem resolution
* Performance monitor server and database.
* Evaluate data analysis models and procedures
* Establishing and maintaining backups on Local and Remote media.
* Performance monitoring using performance Monitor, DBCC Commands, Maintenance plans.
* Work on conflicts occur during replication cycles.

### Data Sciences: Technologies : R studio Client : Sajid Bashir Domain : <http://www.abasyn.edu.pk/>

**Description:**

* Studied data science as a subject while doing MS CS from Abasyn university learn and work on data analysis.

**Duties & Responsibilities:**

* Experience creating and using advanced machine learning algorithms and statistics: regression, simulation, scenario analysis, and modeling.
* Experience using statistical computer languages (R, SLQ, etc.) to manipulate data and draw insights from large data sets.
* Work with stakeholders throughout the organization to identify opportunities for leveraging company data to drive business solutions.
* Assess the effectiveness and accuracy of new data sources and data gathering techniques.
* Develop custom data models and algorithms to apply to data sets.
* Coordinate with different functional teams to implement models and monitor outcomes.
* Develop processes and tools to monitor and analyze model performance and data accuracy

1. **Work on HCFA 1500, Crystal reports and RDLC report Dec 2010 to 2012**

**Technologies:** C#.Net and Visual studio 2005, 2008.  
**Client:** **MTBC**

**Domain :** [**https://www.mtbc.com/**](https://www.mtbc.com/)

**Description:**

The Center of Medicaid and Medicare Services (CMS) form 1500 must be used to bill SFHP for medical services. The form is used by Physicians and Allied Health Professionals to submit claims for medical services.  
  
**Responsibilities:**

* Design and develop HCFA form and manage different reports by using RDLC and crystal reports for client.

1. **EDI Standards :**

**837, 835, 824, 997, 999, 270/271,276/277**

**Technologies:** MS SQL Server 2005, Visual Studio .NET 2005, 2008

**Client:**  MTBC

**Domain :** [**https://www.mtbc.com/**](https://www.mtbc.com/)

**Responsibilities:**

* Familiarity with ASC X12 document structures
* Maintained Electronic Data Interchange processes.
* Handled maintenance of File Exchange server.
* Performed QA analysis for system applications running into the production environment. Managed systems in the production environment after migrations and integrations were complete.
* Understanding of ICD9, ICD10
* HCFA 1500 Form and its mapping into 837 format
* Resolved EDI error/failure patterns and issues.
* Performed EDI software shutdown/status checking in support of quarterly server outages.

**Areas of Strengths:**

* Practical & Result oriented.
* Quick learner, Smart working.
* Can work as a team player and can also lead from the front.
* Always seeking to synchronize between personal goals and organizational objectives.
* Capable to delve into the new leading Technologies.

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| **Personal Profile** |

Name : Nasir Walli Muhammad  
Marital Status : Married.

Date of Birth : 01, May 1987

Languages Known : English, Punjabi & Saraiki.

I hereby declare that the above written particulars are best of my knowledge and belief      
       

**(Nasir Walli Muhammad)**