**MUHAMMAD HADI JAMEL**

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**OBJECTIVES:**

*To work in a dynamic professional environment with a growing organization and utilize my skills, creativity and innovative thinking for benefit of the organization and me.*

# ACADEMIC QUALIFICATION

**2012-2016 Bachelors in Computer Science (BSCS) 4-Years**

 Arid Agriculture University Rawalpindi

# Certification

**Nov 2023- Feb 2024 Artificial Intelligence & Data Science Certification**

 NationalUniversity of Science & Technology, Islamabad

# WORK EXPERIENCE

## Nai Zindagi Trust, Nov 2022- Present

**Database Analyst/Administrator:**

The Global Fund to fight AIDS, TB and Malaria (GF) is providing grants to Pakistan since 2011 for prevention of HIV. The current grant is being implemented by United Nations Development Program (UNDP) and Nai Zindagi Trust (NZT) as Principal Recipients (PR). The PRs are responsible to implement various objectives of the overall Grant. The overall goal is to reduce the number of new HIV infections and increase uptake of HIV preventive and treatment services with a high impact HIV response to improve the health and quality of life of people living with and affected by HIV in Pakistan. The objective of Global Fund HIV grant is to increase the prevention services for PWID and other key populations. NZT is implementing HIV prevention services for PWID and spouses of HIV+ PWID through 44 CoPC + sites and ART Adherence Units across the four provinces of Pakistan providing coverage to 57 districts.

**SPECIFIC ACTIVITIES**

* Design, develop, and maintain databases using SQL Server MySQL.
* Analyse complex data sets to provide actionable insights for business decision-making.
* Develop and implement database solutions to store and retrieve data efficiently.
* Optimize database performance through tuning, indexing, and query optimization.
* Collaborate with software developers to integrate databases with applications.
* Design and implement data models and database schema.
* Create and maintain documentation of database schemas, data dictionaries, and processes.
* Develop ETL (Extract, Transform, Load) processes for data migration and integration.
* Perform data analysis, data mining, and data cleansing to ensure data quality.
* Troubleshoot and resolve database-related issues in a timely manner.
* Stay up-to-date with database technologies and trends to propose improvements.
* Work closely with stakeholders to gather database requirements and deliver solutions.
* Develop, implement, and maintain SQL databases.
* Design and implement efficient database structures.
* Write complex SQL queries and stored procedures.
* Optimize database performance and ensure scalability.
* Troubleshoot database-related issues.
* Collaborate with software developers and other team members to integrate database systems.
* Ensure data security and integrity.
* Perform regular backups and recovery procedures.
* Create documentation for database processes and procedures.

## Mission Supplier Private Limited, July 2019 - Nov 2022

**Data Analyst:**

* Gather data from various sources, clean and pre-process it for analysis.
* Analyse data using statistical methods, data mining techniques, and visualization tools to identify trends, patterns, and insights.
* Interpret data and present findings in reports, dashboards, or presentations to stakeholders.
* Maintain and manage databases, ensuring data integrity, security, and availability.
* Implement data quality checks and processes to ensure accuracy and reliability of data.
* Collaborate with business teams to understand requirements, provide data-driven insights, and support decision-making.
* Develop and implement predictive models to forecast trends, outcomes, and behaviours.
* Create visualizations such as charts, graphs, and dashboards to communicate complex data in an understandable manner.

##  Blue Group of Companies (Mar, 2018 - June, 2019)

**SQL Database Developer:**

* + Design, develop, and maintain SQL databases, including tables, views, stored procedures, and functions.
	+ Optimize SQL queries and database performance to ensure efficient data retrieval and processing.
	+ Develop data models and schemas to support business requirements and data analysis needs.
	+ Design and implement ETL (Extract, Transform, Load) processes for data integration from various sources into the database.
	+ Perform database administration tasks such as backup and recovery, monitoring, and security management.
	+ Plan and execute data migration projects between databases or systems while ensuring data integrity and consistency.
	+ Identify and resolve database performance issues by analyzing query execution plans, indexing strategies, and database configuration.
	+ Collaborate with development teams, data analysts, and business stakeholders to understand data requirements and implement database solutions.
	+ Create and maintain database documentation, including data dictionaries, schema diagrams, and technical specifications.

**PERSONAL INFORMATION**

Father Name: Muhammad Jamil

Religion: Islam (Sunni)

Marital

Status: Single

**REFERENCES**

Will be provided on demand.