# Omar Rasheed

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## Professional Summary

Omar is an experienced IT professional specializing in databases and Python programming. He has a proven track record in Full Stack development and backend functionalities for both multinational companies and private clients. Dedicated to delivering high-quality results, he excels as both a leader and a team player. Omar is committed to continuous improvement and brings a 'Never Give Up' attitude to every project.

## Objective

Omar is committed to delivering optimal solutions for every project he undertakes. He strives to lead his team to success through effective collaboration, as he firmly believes that teamwork is the cornerstone of achieving outstanding results.

## Education

Bahria University Islamabad
Bachelors in Computer Science (BSCS)
C.G.P.A.: 3.28/4.0

## Project and Professional Experience

### Database Developer | Appedology Pvt. Ltd. (October 2022 - March 2024)

- Developed and maintained multiple databases.
- Automated billing processes using SQL Server in coordination with the .NET team, significantly reducing dependency on the development team and enabling the operations team to handle processes independently.
- Created and maintained dashboards and business intelligence reports using Microsoft Power BI.
- Generated customized reports for various stakeholders.
- Optimized existing SQL scripts, reducing query execution time by 30%.
- Trained new database resources.
- Documented current and new development processes.
- Resolved issues reported by team members and management.
- Assisted team in resolving performance-related issues by optimizing databases.

- Reviewed and optimized SQL Server jobs.
- Worked in both day and night shifts as per operational requirements for database development.

## Database Administrator | DataQ Health (August 2021 - November 2021)

- Developed a new database for the QPOP module of the EMR system.
- Automated data ingestion from AWS S3 and Snowflake.
- Handled data preprocessing and visualization for EMR reports.
- Optimized SQL and Python scripts for optimal system performance, enhancing processing speed by 25%.
- Generated database reports.

## Python Developer | Tangent Technologies (March 2020 - September 2020)

- Maintained medical records using Python-based ODOO ERP.
- Created health reports and managed accounts using ODOO ERP.
- Designed and developed new modules for the Medicsi project.
- Documented existing modules and new features to be added to the system.

## Software Quality Assurance (SQA) Intern | Bahria University Islamabad (May 2019 - September 2019)

- Performed software testing for university projects.
- Utilized SQA tools such as Selenium, Postman, and Jira for QA and software testing.
- Documented the project for future reference.

## Freelancer (2018 - 2022)

- Full Stack and Database development for international and local clients using Python, .NET (C#), MySQL, MS SQL Server, MongoDB, HTML, CSS, and Bootstrap.

## Notable Projects

- Switch247 CSV File Automation: Automated the CSV process for a client, allowing users to load CSV files on the frontend, automatically creating tables in the database and models in the Python file. Used Django Rest Framework, PostgreSQL, and Postman.
- Developed a Transport Management System using 3-Tier Architecture.
- Implemented Data Structures using Pedagogical Learning.
- Created a Chatbot Expert System for Customer Care Support.
- Developed a Linear Regression Classification Model for House Price Prediction (Kaggle Competition).
- Developed Customer Quality Prediction and Shopify User Review Analysis and Prediction applications, previously hosted on Heroku.
- Machine Learning Project for Data Deduplication on Cloud, utilizing MyDupChecker, previously hosted on Heroku.

## Skills

Programming Languages: Python, SQL, HTML

Servers: Windows O.S, Linux O.S (Debian, Ubuntu)

Frameworks: Flask, Django, MVC, React JS, Bootstrap

Analytical: Data Collection, EDA, Data Preprocessing, Classification, Clustering, Model Development, Tableau, Qlik, Microsoft Power BI, requests, selenium

Databases:

- Relational: MySQL, Oracle, MS SQL Server, Snowflake, PostgreSQL

- Non-Relational: MongoDB

Interpersonal: Strong communication skills, problem-solving, productivity, and convincing ability based on product knowledge and statistics.

## Achievements & Certifications

- Data Science Orientation at Coursera
- Python 101 for Data Science at Cognitiveclass
- Won Application Development Contest at Islamic University
- Achieved 88% Accuracy in Machine Learning Prediction Model (Kaggle Competition)
- The Complete Digital Marketing Course - 12 Courses in 1
- Digital Marketing Masterclass - 23 Marketing Courses in 1

## Additional Experience

Customer Sales Representative | Ibex Global (November 2020 - March 2021)
- Developed strong communication and problem-solving skills by interacting with diverse customers.
- Demonstrated ability to work in a fast-paced environment and handle multiple tasks efficiently.
- Gained experience in understanding customer needs and providing appropriate solutions.

## References

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