

Ahmed Shoaib

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Education

BACHELOR'S IN COMPUTER SCIENCE - HABIB UNIVERSITY

Expected Graduation May'2025

- Relevant Coursework:** OOP, Database Management, Data Structures and Algorithms, Software Engineering Operating Systems, Computer Graphics, Algorithm Design Analysis, Intro to Deep learning, Data Science, Social Network Analysis

A LEVELS - NIXOR COLLEGE

August 2019 – May 2021

- Subjects:** Physics, Chemistry, Biology and Mathematics

Experience

SYSTEMS LIMITED

June 2024 – August 2024

Data Analyst Intern

- Acquired hands-on experience in Data Engineering and developed end-to-end ETL pipelines using Visual Studio.
- Designed and automated data workflows, optimizing SQL queries for performance and data integrity.
- Gained expertise in data analysis workflows and created a Power BI dashboard for effective data visualization.
- Delivered a comprehensive data engineering project showcasing insights through interactive analytics.

JAFFER BUSINESS SYSTEMS

August 2023 – December 2023

Data Analyst Intern

- Developed a comprehensive HR dashboard using Power BI to visualize employee data efficiently.
- Transformed raw HR data into intuitive visualizations for employee demographics city and company retention rates, company demographics, and attrition demographics.
- Enabled data-driven HR decision-making by providing real-time analytics on retention and organizational insights.

FOLIO3

June 2023 – August 2023

Data Engineer Intern

- Led a transformative project bridging data consistency between Microsoft Dynamics 365 (D365) and AX2012, ensuring seamless alignment of critical business data.
- Collaborated with a cross-functional team of industry professionals, gaining practical insights into ERP systems and real-world dynamics.
- Explored the fusion of technology and business operations within ERP systems, highlighting their strategic role in optimizing business functions

Projects

- Designed an end-to-end data analytics solution using Azure Data Factory, Data Lake Gen 2, and Synapse Analytics to analyze Olympics data.
- Developed a C# and MS SQL Server database management system in Visual Studio to manage charity donor and beneficiary information.
- Implemented a van Emde Boas (vEB) tree in Python to optimize range queries for an e-commerce dataset.
- Built a responsive MERN stack website with a custom admin panel for managing events and drives, featuring CRUD operations and Cloudinary integration for image uploads.

Certifications

- Microsoft Power BI Practical Guide 2023**
A practical course on Power BI for data visualization and analytics, emphasizing dashboard creation, data modeling, and report generation.
- Machine Learning Specialization by DeepLearning.ai**
DeepLearning.AI's Coursera specialization includes 3 courses covering regression, classification, recommenders, reinforcement learning, and advanced algorithms.

Skills & Abilities

- Microsoft Power BI
- ETL/ELT
- Azure Data Fundamentals
- Machine Learning
- MERN Stack
- JavaScript
- Python
- SQL

Achievements

- Dean's List for the academic year 2019
- 25% merit scholarship at Nixor College
- 50% merit scholarship at Habib University