Ahmed Shoaib

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Profile

Detail-oriented, enthusiastic team player with a strong work ethic seeking a software engineering role in computer science. Eager to push boundaries, learn new concepts, and contribute innovative ideas to drive team success in a dynamic work environment.

Education

BACHELOR'S IN COMPUTER SCIENCE | HABIB UNIVERSITY | Expected Graduation May'2025   *Karachi, PK*
- *Relevant Coursework*: OOP, Database Management, Data Structures and Algorithms, Software Engineering Operating Systems, Computer Graphics, Algorithm Design Analysis, GPU-accelerated Programming

A LEVELS | AUGUST 2019 – MAY 2021 | NIXOR COLLEGE   *Karachi, PK*

Experience

JAFFER BUSINESS SYSTEMS | AUGUST 2023 – DECEMBER 2023   *Karachi, PK*

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   *Karachi, PK*

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

- **End-to-end Olympics data Analytics** project on Azure using various tools including Azure Data Factory, Data Lake Gen 2, and Synapse analytics.
- **Sales analysis dashboard** on Power BI.
- **Database management system** for a charity organization using C# and MS SQL server, the application was developed using Visual Studio code.
- **vEB tree implementation** in Python for efficient range query processing system for an e-commerce dataset.
- **Application Tracking System** to streamline the hiring process for HR and enhance the candidate experience. *The Project is currently in progress, expected completion is towards the end of the semester. Tech stack React and Django.*

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
- Data analysis
- ReactJs/Django
- Machine Learning
- C/C++
- JavaScript
- Python
- SQL

Achievements

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