HAYA LAKHANI

Norman, OK 73072 | 405-9818861 | hy.lakhanii@gmail.com | GitHub | Personal Website

EDUCATION

M.S. in Management of Information Technology
University of Oklahoma – 4.00/4.00 GPA

B.A. in Management Information Sciences
University of Oklahoma – 3.86/4.00 GPA

SKILLS

Programming Languages: Python, R, SQL, VBA, C#, HTML/CSS, PHP
Database Management & Business Intelligence: MySQL Workbench, SSMS, Tableau, Power BI, SPSS
Cybersecurity & Networking: Wireshark, Cisco Packet Tracer, Packet Analysis, Network Simulation
Platforms: MS Azure, SAP, GitHub, UiPath, Salesforce, MS Power Apps, AWS, MS Access, Microsoft Office Suit

CERTIFICATIONS

- Google Data Analytics
- ISC2 Certified in Cybersecurity

EXPERIENCE

Internship, Karachi, Pakistan   **Summer 2023**
Baig Enterprises
• Analyzed sales trends from over 10,000 transactions, leading to a 15% improvement in inventory accuracy.
•Contributed to the customization ERP software (SAP) for pharmaceutical distribution, gaining practical experience in system integration.
• Reduced inventory query processing time by 30% by optimizing stored procedures and indexing.

PROJECTS

Syllabi Application using PowerApps   **Spring 2025**
• Developed a Power Apps-based syllabus lookup tool that reduced manual search time by 70%, enabling course info retrieval via course number.
• Trained an AI model to extract key data from 100+ syllabus PDFs, storing structured info in a SQL database for real-time access.
• Implemented a professor search feature with web scraping from RateMyProfessor, showcasing ratings and comments for 3000+ instructors

Database Creation for Elysian Fly Company   **Spring 2024**
• Designed a comprehensive ERD in LucidChart, aligning with client needs and integrating key business cycles, with customized modifications.
• Implemented logical design into an RDBMS, including creating a data dictionary, evaluating denormalization, and developing complex SQL queries in SSMS for client reports.
• Communicated ERD normalization to the client, ensuring a smooth transition from conceptual to logical design.

Spotify Playlist Generator using Python   **Fall 2024**
• Developed an app leveraging the Spotify API to create customizable playlists based on user input and preferences.
• Implemented algorithms to process and categorize audio features for 50,000+ songs, achieving over 90% user satisfaction in playlist accuracy (based on informal testing/feedback).
• Ensured efficient API interaction by optimizing HTTP requests and handling authentication securely.

OTHER AWARDS AND EXPERIENCE

- President's Honor Roll – Three semesters
- Dean's Honor Roll – Five semesters
- Presidents Community Scholar
- UWC Davis Scholar – Eight Semesters
- Pakistani Student Association Executive Member
- New Student Mentor (100+ students)
- Employee at OU Law Library (3 years)
- Volunteer at Regional Food Bank of Oklahoma
- Moderator for Honor's Book Club
- Fluent in English, Urdu, Hindi