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EDUCATION

Future University in Egypt

Sep 2019 – Present

- Bachelor of Computer Science, Department of Information Systems.
- Relevant Coursework: Probability & Discrete Math, Big Data Fundamentals, Business Intelligence, Database, Data Warehousing, Artificial Intelligence, Data Mining, Enterprise Resource Planning.
- Graduation Project: ParkYaCar – Smart Parking Application
 - Developed & designed a sophisticated mobile application software aimed at optimizing the parking experience.
 - Conducted data collection through survey & utilized data analytics techniques to enhance project motivation.

PROJECTS

CodeBasics Competition, Telangana Government Growth Analysis. 🔗

September 2023

- Collected & imported data from Open Data Telangana into **MySQL Workbench**.
- Engineered a robust **STAR Schema** using **SQL** (DDL, CTE's, Aggregate, CASE statements)
- Designed & created a **Tableau** dashboard to analyze Telangana's progress across vital departments such as the Registration & Stamps, Transportation & TS-iPASS Departments, spanning across 33 states.
- Delivered the Telangana government with interactive filters & drill-down functionalities, offering invaluable insights that facilitate data-driven decision-making, thereby catalyzing the state's ongoing development & expansion.
- Produced a comprehensive report & presented the findings to stakeholders, ensuring transparency & effective communication of results.

Personal Project, Spotify Streaming History. 🔗

July 2023

- Collected, transformed, & filtered multiple JSON files data using **Power Query**.
- Designed & created a **Tableau** dashboard to analyze listening trends that was easy to use & informative. I also created filters & drill-down capabilities to allow users to explore the data in more detail.

Personal Project , Academic Performance Dashboard 🔗

March 2023

- Collected data from Future university in Egypt student portal to **Excel**.
- Designed & created a **Tableau** dashboard to analyze my performance to identify my weaknesses & areas for improvement.
- I used the insights from my analysis to make changes to my study habits & improve my academic performance. I ended the semester with a higher GPA than I had in previous semesters.

SKILLS & TECK STACK

Teck Stack:

- **Concepts:** Agile Methodologies, Statistics, Data Warehousing, Big Data Fundamentals, Machine Learning, OOP Concepts, Project Management.
- **Languages:** Python, SQL.
- **Libraries:** Pandas, Numpy, Matplotlib, Scikit-Learn.
- **BI & Data Visualization:** Tableau, Excel.
- **Other Tools:** Jupyter Notebook, ChatGBT, Bard, Claude AI, Visual Studio Code, Trello, GitHub, Microsoft Office Suite.

Interpersonal Skills:

- Collaboration
- Problem-Solving
- Scout Mindset
- Adaptability
- Time Management.
- Verbal & Written Communication

Hobbies & Interests:

- Video Games
- Entrepreneurship
- Programming

TRAINING & INTERNSHIPS

Innovation and Entrepreneurship Program, TIEC & Aspire Consulting and Training. 🔗

September 2023

- Absorbed 10+ topics on innovation and entrepreneurship through immersive offline and online curriculum.
- Led 10 member's team to ideate, design and validate prototype to identify a pressing need facing 543,800 Egyptian graduates.
- Conducted 25+ hours of research and interviews to deeply understand target users and their pain points.
- Successfully showcased ideas, Empathy Map, Persona, and final concepts through a detailed presentation.
- Boosted problem-solving and critical thinking abilities through workshops in design thinking, prototyping, and fundraising.

Oracle 12c Developer, Next Academy 🔗

Aug 2022 – Sep 2022

- Designed & built robust databases from scratch, ensuring data integrity & security.
- Maintained & updated database to execute reports generating actionable insights.

EXTRACIRCULAR & VOLUNTEERING ACTIVITIES

Vice Head, Data Analytics Committee, GDSC, Damanhour.

November 2023 – Present

- Prepare the members to present technical workshops for the new participants.
- Supervise on members' training & developing their technical & non-technical skills.
- Conducted workshops for newcomers, offering foundational knowledge & practical exposure to data analysis tools.

Member, Public Relations Committee, GDSC, Canadian International College.

November 2023 - Present

- Brainstormed & proposed three partnership ideas to expand the club's network & influence.
- Collaborated with external organizations to secure sponsorships, partnerships, & event opportunities.

Head, Data Science Committee, Energia Powered, Ain Shams University.

October 2023 - Present

- Managing the content creation process & supervising all the activities & meetings.
- Shared knowledge & expertise with fellow members.
- Developed work plans & delegated tasks to members.

Member, Data Science Committee, GDSC, Canadian International College.

October 2023 - Present

- Collaborated with committee members to create top-quality workshop content for a consistent & engaging learning experience.
- Conducted workshops for newcomers, offering foundational knowledge & practical exposure to data analysis tools.

Member, Organizing Committee, GDSC, Future University in Egypt.

October 2023 - Present

- Successfully coordinated & delivered various events from start to finish.
- Collaborated effectively with team members to achieve event objectives.

Organizer, Future University in Egypt.

March 2023

- Executed the successful organization of ICMA23, themed "Multidisciplinary Science" in collaboration with Future University in Egypt & the Academy of Scientific Research & Technology.
- Coordinated international experts, managing communication, facilitating interactive sessions to foster knowledge-sharing & collaboration among diverse professionals.

Basketball Player, Pakistan School in Muscat.

May 2014 - August 2015

- Played on the PSM team & competed against other school teams in Sultanate of Oman.
- Developed teamwork, communication skills & demonstrated a commitment to sportsmanship.

LANGUAGES

• Arabic

Native

• English

Very Good

REFERENCES FURNISHED UPON REQUESTS
