Ahmed Shehata Said Abdelwahed

CS Student | Junior Data Engineer

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Personal Statement

Results-driven Junior Data Engineer with a strong foundation in Python and SQL for developing efficient ETL pipelines and automating data workflows. Proven ability in data modeling, data cleaning, and performance optimization to ensure data integrity and real-time accuracy. Experienced in analyzing large datasets to deliver actionable insights. Seeking to leverage skills in a dynamic, data-driven environment.

Work Experience

Junior Data Engineer
Cyan Group | January 2026 – Present
Kuwait (Remotely)

Key Responsibilities & Achievements:

- Data Modeling: Designing efficient PostgreSQL schemas (via Supabase) to capture complex order workflows.
- System Automation: Writing scripts to automate data flow between inventory and production stages.
- Establishing validation rules to ensure the tracking system provides accurate, real-time data for decision-making.

Data Engineering Intern
Volvo Cars | February 2024 – July 2024
Gothenburg, Sweden

Key Responsibilities & Achievements:

- Developed automated data pipelines using Python, reducing manual data handling time and minimizing errors.
- Authored comprehensive technical documentation for data collection and processing procedures, supporting team knowledge sharing and onboarding.
- Engineered methods for data recording, ensuring accurate, consistent, and reliable data capture throughout testing phases.
- Worked with data cleaning tools and techniques to ensure data integrity, resulting in a 25% increase in report accuracy.

Skills

- **Languages:** Python, SQL, C#, VB.NET, HTML, CSS, JavaScript, TypeScript.
- **Data Engineering & Analysis:**
  - Concepts: ETL Pipelines, Data Modeling, Data Cleaning, Exploratory Data Analysis (EDA), Data Visualization.
  - Libraries/Frameworks: pandas, NumPy, Matplotlib, Seaborn, Next.js.
- **Databases & Tools**: MySQL, PostgreSQL, Conda, Git, GitHub, VS Code, Visual Studio, Terminal, Excel, Ubuntu Linux.
- **Soft Skills**: Communication, Problem Solving, Teamwork, Adaptability, Decision Making.

Education

Bachelor of Specific Education in Computer Science and Education

Mansoura University, Faculty of Specific Education | 2022 – Present (Expected Graduation: July 2027).

Volunteering

Data Engineering Committee Volunteer

IEEE Mansoura Computer Society Chapter | December 2024 – September 2025