

Mohamed Satour | Data Engineer | +2001152823350 | Egypt – Damietta

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## INTERNSHIPS

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- Information technology institute (January 2026- June 2026)

Training about track data engineering. Building ETL pipelines, understanding data architecture.

Streaming data. automation and workflows architecture.

- National telecommunication institute (October 2025)

Fast training about threats that threaten assets and importance of cyber security.

- Information technology institute (July 2024 -September 2024)

Summer training about android development using kotlin language.

## EDUCATION

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Bachelor's Degree in computers and information, Damietta university, July 2025

## PROFILE

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Detail-oriented Computer Science graduate with strong skills in Python, SQL, and data analysis. Passionate about solving real-world problems through data-driven solutions. My inspiration is to be Senior Data Engineer in big company.

## COURSES

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Understanding Cloud Computing 2 Hours from Data Camp

Understanding Modern Data Architecture 2 Hours from Data Camp

Writing shell commands in Linux operating system from Data Camp

## Projects

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### 1- Omni fleet: ITI intensive code camp graduation project

Omnifleet is built as a scalable, end-to-end fleet management data platform that tackles financial leakage, lack of transparency, cargo risk, and reactive maintenance through real-time GPS tracking, driver scorecards, predictive maintenance, and cold-chain monitoring. Its architecture Kafka, Spark stream, PostgreSQL, to power a live Grafana dashboard, from a batch path,

MinIO-based Bronze/Silver/Gold lake, dbt, Airflow, with Power BI dashboards and an AI chatbot on top Docker container, making the stack portable across environments. Beyond running it locally, the team deployed the platform on a server so the streaming pipeline, scheduled batch jobs, and dashboards could stay continuously available

## Technical skills

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Python programming language	spark	kafka	docker	
Structured query language (SQL)	linux (ubuntu)	Jenkins	airflow	
Visual studio code	sql server integration service	sql server analytics service		
Microsoft SQL server	web scraping using selenium	Hadoop		
Power bi	excel	word	jypeter	cloud(aws)
Grafana	MINIO	dbt	Postgres	

## Languages

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Arabic native

English fluent

## Additional information

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Temporary exempted from military service