

Roe Cohen

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LINKS

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PROFILE

Motivated and collaborative Data Engineer/ Backend Developer with a passion for transforming data into actionable insights and crafting robust, efficient backend solutions. With a strong technical foundation in **Spark, Airflow, dbt, BigQuery, Python, SQL, C#, JS** in a cloud environment. I excel at designing and implementing data pipelines and backend systems. I thrive in team-oriented environments, I am dedicated to continuous learning, and take pride in delivering high-quality results on challenging projects. As a dedicated team member, I bring a strong work ethic and problem-solving skills to drive success and innovation within cross-functional teams, work well under pressure, creative thinker, hard worker.

EMPLOYMENT HISTORY

Oct 2023 — Dec 2025

Reserve Duty

Released after completing 4 rounds... and am now searching for my next opportunity in the civilian world.

Oct 2020 — Oct 2023

Sela - Multi-Cloud Services and Solutions - <https://selacloud.com>

10.2022 – 10.2023 - Cloud Engineer, Sela Multi-Cloud Services and Solutions

Provided hands-on technical support and architectural guidance to customers across multi-cloud environments. Diagnosed and resolved complex infrastructure, networking, and application-level issues, collaborating closely with customers and internal teams to improve system stability, scalability, security, and performance.

Contributed to the design and development of an internal **generative AI business chatbot** aimed at improving customer engagement and operational efficiency.

- Developed backend services in **Python using Django**, applying **SOLID principles and clean architecture patterns**.
- Built a **React-based frontend** for a responsive and user-friendly interface.
- Integrated **LangChain** to enable LLM-powered, context-aware interactions.
- Containerized the application using **Docker** to support reliable development and deployment workflows.

03.2021 - 07.2022 - Data Engineer, eTroro (via Sela as a contractor)

Designed, implemented, and optimized scalable data pipelines and data quality checks in a cloud environment. Worked extensively with **Spark, Python, Databricks, SQL, Azure Synapse, Data Factory, Log Analytics, and SSIS**, collaborating with cross-functional teams to enable data-driven decision-making.

- Led the **migration of the data platform from on-premises to Azure Cloud**, designing and implementing a **Medallion Architecture (Bronze/Silver/Gold)**
- Built and optimized **ETL/ELT pipelines** for ingesting, transforming, and serving large-scale datasets
- Improved **data reliability, performance, and observability** through monitoring and data quality validations

10.2020 - 03.2021 - College Lecturer - Sela College, Bnei Brak

Made the dean's list and started to lecture at Sela Academy, training 1st year students. I have built my own lessons on various subjects within the Software Development and Cloud worlds, mainly C#.

EDUCATION

2019 — 2020

Software Development Certificate, Sela College

Bnei Brak

During the studies I built various interesting projects using technologies like **Python, JS, C#, SQL, Angular, React, Docker, K8S and NodeJS**. Moreover, **we have learned how to work in a team and in groups, simulating real-life work environments**.

*Recommendations will be given upon request