



# ALON COHEN

PYTHON DEVELOPER | DATA ENGINEER

## CONTACT

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- Github
- LinkedIn

## SKILLS

- Python
- SQL
- Linux
- OOP
- ETL
- Docker
- RAG
- Git
- AWS
- Pandas
- Automation
- REST API
- Apache Airflow
- HTML
- CSS

## EDUCATION

2018 - 2021

### BEN ZVI HIGH SCHOOL

- Majored in Computer science and History, including 5 points of Math, and English.
- Graduated with a Bagrut average of 115.

## PROFILE

Python developer | data engineer with hands-on experience working on data pipelines, ETL processes, and orchestration tools like Apache Airflow, as well as cloud services like AWS to ensure efficient data flow and management. Additionally, I have experience working with GenAI technologies, integrating AI solutions to enhance data-driven processes. Feel free to check out my RAG Project: <https://www.hybridqra.com>

## EXPERIENCE

- Python Developer | Data Engineer** JULY 2021 - PRESENT
  - Collaborated with other developers and data scientists on a translation deployment model project.
  - Developed and tested RAG workflow, which produced high-quality answers, demonstrating improved accuracy in information retrieval.
  - I am an autodidact who has mastered my skills through self-learning and can adapt to any work environment.
- HR Coordinator | Python Developer** Israel Defense Forces DECEMBER 2021 - AUGUST 2024
  - Leveraged Python to automate routine processes and enhance data processing workflows, significantly increasing efficiency and reducing manual effort.
  - Oversaw and communicated with hundreds of soldiers enrolled in officers course, ensuring they received proper guidance from their officers and prepared for the officer course.
  - Helped to recruit hundreds of pre-enlistees to the officer designation program of the logistics corps.

## GITHUB PROJECTS

### HybridQRA - RAG project

Developed an advanced Retrieval-Augmented Generation (RAG) workflow that is now live on a dedicated website. I invite you to explore the site, review the project overview, and try it out using a demo collection sourced from ESPN.

**Tech Stack:** Python, Docker, AWS, OpenAI API, Cohere API, Qdrant Vector Store, Flask, Pandas, Selenium, Llama-Index, Ragas.