Dori Rozen

Software Engineer

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💼 PROFESSIONAL EXPERIENCE

08/2024 – present

Backend developer

Muvan AI

Tel Aviv, Israel

Automate Data Workflows and Reporting Systems:

- Leveraged Python, the openpyxl library, and AWS S3 to automate data processing workflows for large Excel datasets and integrate data from the Yardi ASP14 property platform, significantly reducing manual work and improving data accuracy for customer information.
- Reverse-engineered legacy reports to understand their structure, rebuilt automated processes for efficient data extraction, transformation, and reporting, and integrated them into scalable solutions.
- Conducted data analysis to identify patterns, trends, and insights that drive process improvements and inform decision-making strategies for stakeholders.
- Developed and optimized Python scripts to streamline reporting processes, ensuring data integrity and enabling efficient updates with new information, minimizing downtime and enhancing overall data accuracy.
- Collaborated with cross-functional teams to optimize data workflows, implementing automated, data-driven solutions that improved efficiency and reduced the risk of errors.

Client Solution Development:

- Designed and deployed 23 custom Streamlit sites using AWS for a client, replacing manual Excel data management with automated, real-time data presentations.
- Utilized AWS S3 to access and integrate data from the Yardi ASP14 property platform into dynamic Streamlit applications, improving the client's data accessibility and providing an intuitive and interactive interface for data analysis and reporting.
- Managed the entire lifecycle of the project, from requirements gathering and development to deployment and post-launch support, ensuring a seamless transition from manual to automated processes.

05/2024 – 08/2024	**Data Analyst**	Tel Aviv, Israel
	Muvan AI	

- Leverage Python and the openpyxl library to automate data processing workflows involving large Excel datasets of customer information.

- Reverse-engineer legacy reports to understand their structure and rebuild automated processes for data extraction, transformation, and reporting.

- Investigate and analyze data to identify patterns, trends, and insights to drive process improvements and inform decision-making.

- Develop scripts to streamline reporting processes, ensuring data integrity and enabling efficient updates with new information.

- Collaborate with cross-functional teams to optimize data workflows and implement automated, data-driven solutions.

2024 – present	**Research Assistant | Diarization & Speech Processing**	Ariel, Israel
	Ariel university	

- Conducting literature reviews and staying abreast of the latest advancements in diarization and speech processing techniques.

- Designing and implementing algorithms and models for speaker diarization, leveraging machine learning methodologies.

- Collecting and preprocessing large-scale audio datasets for experimentation and model training.

- Collaborating with researchers and engineers to integrate diarization technology into real-world applications, such as automatic transcription and audio indexing.

2018 – present	**Sales Manager**	Crete, Greece
	Holiday Lines	

I served as a Sales Manager in Crete, overseeing a small team of employees. My responsibilities encompassed providing shuttle services from the airport to hotels and promoting attractions exclusively to Israeli tourists, ensuring an enriching vacation experience.

In this role, I handled sales management duties, including supplier payments, employee management, sales enhancement initiatives, and ongoing operational oversight throughout the summer season. My tenure typically spanned approximately three months each summer.

🎓 EDUCATION

2020 – present	**B.Sc 4th year student in Software Engineering**	Tel Aviv, Israel
	Afeka College	

2011 – 2014	**High School** *Amit Amal | עמית עמל*	Rishon LeZion, Israel

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🧠 SKILLS

Python
PyTorch
Deep Learning
Machine Learning
Computer Vision
NLP
LangChain - LLM
Big Data - Spark

Management & Sales
Strategic Planning
Customer Relationship Management (CRM)
Team Leadership
Negotiation Techniques
Time Management

Flutter
Clean architecture
Design Patterns
Firebase

Extra
Yardiasp14
Excel
Aws
Streamlit
Openpyxl \| Xlwings

📇 PROFILE

B.Sc ↗ in Software Engineering , specializing in Machine Learning. About to pursue a Master's degree in Intelligent Systems next year ,
with a passion for continuous learning and accumulating broad knowledge.

Proficient in various domains of artificial intelligence and adept at developing cross-platform applications using Flutter.

Known for quickly mastering advanced concepts and applying them effectively to real-world problems.

Strong interpersonal skills and collaborative thinking, works well within teams.

In any field that I refer to, I will always want to reach a level where I can teach others, and as a result I always reach excellence and absolute control.