Oz Levi Maatuk

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Profile

Data-driven software engineer with experience in automation, data analysis, and system development. Strong expertise in **SQL, Python, and data visualization**, with hands-on experience in **ETL, cloud platforms, and database management**. Passionate about **turning raw data into actionable insights** and optimizing BI processes.

Technical Skills

- **BI and Data Tools:** SQL (PostgreSQL, MySQL, SQL Server, Oracle), Databricks, Tableau (basic), ETL pipelines
- **Languages:** Python, Java, Node.js, C/C++, SQL/NoSQL
- **Automation and Analytics:** Pandas, NumPy, Matplotlib, Jupyter, AI tools, ChatGPT
- **DevOps and Cloud:** AWS, GCP, Kubernetes, Jenkins, Git, Jira, Logz.io
- **Other:** Data visualization, problem-solving, research, system development

Experience

Automation and Data Engineer, Akamai   2021 - 2023
- Developed **automated data pipelines** to process security intelligence data, ensuring high accuracy.
- Designed **SQL-based queries** to analyze large datasets for performance testing and optimization.
- Built **dashboards and reports** to visualize key insights from test automation results.
- Utilized **Python, JUnit, and JMeter** to automate data-driven testing scenarios.
- Conducted **ETL processes**, integrating multiple data sources into structured formats.

Teaching Assistant, Ariel University   2017–2018, 2020–2021
- Led sessions on **Data Structures, Memory Management, and Systems Programming**.
- Assisted students in analyzing and optimizing **SQL queries and database designs**.

Software Engineer, MindCET   2018–2019
- Developed a cross-platform chatbot application with real-time **data logging and analytics**.
- Integrated **NoSQL databases** and performed data-driven optimizations.

QA Automation, HPE   2016–2017
- Developed **SQL queries** to analyze test results and detect performance issues.
- Automated **data validation** and reporting for virtual network features.

Education

B.Sc. in Computer Science and Cyber Security   Ariel University, 2018
- GPA: 90
- Focus on **data analysis, SQL, and system development**.
- Final project: **Developed an enterprise network security monitoring system** using **data aggregation techniques**.

Military Service

C4I Corps, IDF   2011 - 2014
- Managed IT systems, trained personnel, and optimized **database-driven processes** for logistics and operations.