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04/01/2001

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Noam Levi

## Software developer

Highly motivated software developer with a strong background in modern services and a deep interest in cutting-edge technology.

## Education

- **Big Data Developer Course (Matmon)**  
From November 2019 to February 2020 [IDF](#) [IDF](#)
- **Magshimim National Cyber Program**  
From September 2016 to June 2019 [Magshimim](#) Beersheba

## Work experience

- **Data Engineer**  
From March 2023 to February 2024 [IDF](#) [IDF](#)
  - Developed and maintained a system for managing, monitoring, and scheduling operations over HDFS paths to enhance observability and optimize storage utilization
  - Developed a Spark job to extract shuffle-related information from the entire history of customer Spark logs enabling proactive detection of potential issues with storage machines and improving overall system reliability
  - Designed and executed performance benchmarking tests aimed at identifying differences between data lake solutions (HDFS, S3) across various file sizes using Apache Spark
  - Built Grafana Dashboards to gain enhanced business insights into HDFS infrastructure
- **Commander at Big Data Developer Course (Matmon)**  
From August 2022 to March 2023 [IDF](#) [IDF](#)
  - Created and taught professional content for a preparatory course for big data developers.
  - Supervised and mentored students, including their professional and interpersonal development.
  - Led the chapters on Data structures and algorithms and Networks for a course focused on Big Data, data platforms, data processing, Java, Python, databases
- **Data Engineer**  
From March 2020 to February 2022 [IDF](#) [IDF](#)
  - Developed and maintained microservices system for easy to deploy data pipelines using Typescript, Python, Kafka, MongoDB, SQL Server, and Apache Nifi
  - Developed and maintained the Apache NiFi SDK, which is widely used by the data engineering team within the organization
  - Developed and maintained Apache Nifi as a service on a local cloud platform using typescript, Kubernetes, and Apache Nifi API, enabling the creation of a user-friendly, isolated, and monitored platform for developing and managing data pipelines
  - Developed and maintained the Backend of an internal system for monitor and managing Apache Nifi Environments, which decreased maintenance and monitoring time for the team and enhanced operational efficiency
  - Built easily deployable Docker Compose setups for all team services using Git submodules, which significantly accelerated development cycles
- **Software Developer**  
From June 2019 to November 2019 [CBG](#) Beersheba
  - Developed and maintained Pandas pipelines to extract insights from browsing and search history

## Computer skills

### Python

OOP, Functional programming

### Typescript

aspect-oriented programming

### Java

OOP, Junit

### Data Ingestion Tools

Spark, Nifi, Kafka

### Hadoop ecosystem

Apache Iceberg, Hive and Impala

### Databases

SQL server, Postgres, Mongo DB, Elasticsearch, Redis

### Devops

GitLab CI\CD, Kubernetes, Openshift, Docker, docker-compose

### Management platform for data pipelines

Anache Airflow