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🏠 Yalkut Haro'im
12, Tel Aviv,
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📅 Date of birth
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

- **Software 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
- **Software 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 Engineer**
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

Apache Airflow