Yariv Menachem

Backend Developer

Yariv Menachem

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📍 Rishon Lezion

in linkedin.com/in/YarivMen

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Skills

Experienced **Backend Developer** with **3+** years of hands-on experience in **Java**, **Spring Boot**, and **Python**. Proficient with both **relational** databases (e.g., **PostgreSQL**, **MSSQL**) and **NoSQL** databases like **MongoDB**. Skilled in integrating **AWS** cloud technologies (**EC2**, **S3**, **SQS**). Currently managing several freelance projects, and possesses practical experience with **Docker** for streamlined development and deployment

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Experience

#VectorDB
#RAG
#Docker
#Microservice
#Elasticsearch
#Agile
#Hibernate
#JPA
#DesignPattern
#OOP
#SOLID
#Cache
#DependencyInjection (DI)
#Maven
#CriteriaAPI
#StramAPI

Backend Developer / Freelance
2025 - present, Rishon Lezion

Developing a hybrid **BOM (Bill of Materials) management system** using **FastAPI**, **PostgreSQL**, and **Neo4j** to handle structured product data and complex hierarchical relationships. Integrated a **GraphQL API** and **OCR** support for automating shipping certificate processing.

Engineered a document-based question-answering **bot** leveraging **Python**, **Qdrant**, **HuggingFace**, and **ChatGPT**. This solution efficiently stores **PDF** content in a **vector database**, empowering users to extract information directly from uploaded documents.

Backend Developer / Home365
2021 - 2024, Ramat Gan

Contributed to platform enhancement by developing new features and maintaining codebase using **Java** and **Spring Boot**, Implemented **RESTful** APIs, third party integration and optimized performance.

Developed a backend service for seamless financial transactions. Implemented a data processing pipeline to extract, transform, and securely transfer transaction data to **SFTP** servers in a bank-compliant **CSV** format.

Built a **PDF** generation service that dynamically populated custom templates with diverse content, including **base64 encoded** images, to create tailored PDF documents using **AWS S3** and **Apache PdfBox**.

Automation Developer / DBmaestro
2019 - 2020, Petah Tikva

Design and write automation test scripts, using **Python**, **Jenkins**, **Pytest** and **Selenium**.

Project
#NoSql
#Docker

JobSeekerTG / Github

Deployed **Telegram bot** that scrapes job postings from platforms like LinkedIn, Indeed, Glassdoor and others. Using **Python, MongoDB.**

Education

Computer Science / College of Management Academic Studies
2018 - 2021, Computer Science (B.sc)

Military

Ground Control Coordinator / IDF - Air Force
2013 - 2016