



BEN LUBETZKY

JUNIOR FULL STACK DEVELOPER

PROFILE

Computer Science student at the University of Porto who builds and deploys web apps end to end with Next.js, FastAPI and PostgreSQL, plus AI features. Seeking a junior full stack role, available immediately.

SELECTED PROJECTS

BookMatch — swipe-based book recommendations Team of 2 · [Live](#) · [Code](#)

- Built a Next.js swipe interface on an async FastAPI + PostgreSQL API with JWT auth and a 5-language UI.
- Designed the recommendation engine: pgvector KNN search over a shared book/reader vector space.
- Managed 20+ database migrations, row-level security and automated nightly backups with GitHub Actions.

Next.js · TypeScript · Tailwind CSS · FastAPI · PostgreSQL · pgvector · GitHub Actions

LedgerDrop — invoice processing with human review Solo · [Live](#) · [Code](#)

- Built an async pipeline that extracts and validates invoices, routing uncertain ones to review.
- Built a Next.js review screen to approve, reject or correct data, with a full audit trail.
- Deployed with Docker on Render, using Cloudflare R2 for file storage.

FastAPI · SQLAlchemy · PostgreSQL · Next.js · TypeScript · Docker · Render · OpenAI API

Customer Support Agent — LLM-powered support assistant Solo · [Live](#) · [Code](#)

- FastAPI backend where an AI agent handles orders via typed tools; refund rules stay in code.
- Answers policy questions with RAG and escalates risky requests to a human.

Python · FastAPI · OpenAI API · RAG · ChromaDB · SQLite · Docker

EDUCATION

BSc Computer Science — University of Porto (FCUP) 2024 – Sept 2027 (expected)

Relevant coursework: Databases, Data Structures, Algorithms, Computer Networks

Deep Learning Specialization — [DeepLearning.AI](#) · [Coursera](#) Jan 2026

Computer Science coursework — Open University of Israel 2023 – 2024

TECH STACK

Frontend: TypeScript, JavaScript, React, Next.js, Tailwind CSS

Backend: Python, FastAPI, REST APIs, SQLAlchemy, JWT

Databases: PostgreSQL, pgvector, SQLite, Alembic

Tools: Git, GitHub Actions, Docker, Render, Cloudflare

AI: OpenAI API, RAG, embeddings, PyTorch

LANGUAGES

Hebrew Native

English Native

Portuguese C1

French B1

Spanish B1