

Barak Olshevitzky

Software Engineer

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Software engineer with 5 years of experience in Backend and Fullstack development on high-scale applications, using contemporaries tech stacks.

EDUCATION

Gefen – Gamma Course of the IDF Intelligence Corps.

Magshimim (A 3-year course in highschool)

Bagrut certificate with honors.

Various CS courses in the open-university.

EXPERIENCE

81 Technological Unit of the Military Intelligence – Fullstack Engineer

February 2019 - January 2021 (2 Years)

Developed from scratch a high-scale full-stack application to assist various IDF units.

Followed microservices architecture, using Django, Node.js, Mysql, and Postgres as backend technologies, and Vite (React) with typescript as a frontend client.

Utilized Clean architecture, and SOLID principles. As well as working as a product manager for the app.

81 Technological Unit of the Military Intelligence – Android Engineer

Januar 2021- December 2022 (2 Years)

R&D for a well-known Android app. Studying its local phone database and manipulating it to achieve certain results. Extensive work with Java and OOP principles.

Kovrr – Full stack Engineer

Novemrber 2023 - Today (1 year)

CRQ (Cyber Risk Quantification) Platform, for quantifying your risk of falling a victim to a cyber attack, to help with cyber insurance and various other utilities.

Followed microservices architecture, using FastAPI, Argo Workflows for DAG flows, and PostGres as a database. Used Next.js with typescript on the frontend.

Improved database and API efficiency for certain API calls by more than 80%, and introduced new concepts such as feature flags platforms to manage feature flags in a cleaner way.

Personal projects

My website (barakolshe.com)

Algo-trading software, working with IB-brokers API, on top of GCP, and using mainly Python and pandas.

A sales demo app, for demo sale calls with an AI character. Utilizing Text-To-Speech, and working with Mongo-DB and Node.js.

SKILLS

Django/FastAPI, Node.js, microservices-architecture, React, Relational Databases, Non-relational databases, cloud environments.