YAKOV BITON

SOFTWARE DEVELOPER

DETAILS

PHONE
052-688-3909

EMAIL
kobi9991@gmail.com

LINKS

Website
kobbi.dev

LinkedIn

GitHub

SKILLS

Full-Stack Development

Machine Learning

Python

Computer Vision

API Architecture

Java / C++

SQL / Firebase / Qdrant

React / Flutter

PyTorch / TensorFlow

OpenCV / Dlib

LangChain / RAG

Git

EDUCATION

B.Sc Computer Science

PROFILE

Software Developer with hands-on experience in full-stack development, machine learning, and computer vision. Currently leading development of an early-stage platform transforming food delivery into an open market system. Strong understanding of algorithms, backend systems, and API architecture. Experienced in building AI-powered applications using PyTorch, TensorFlow, and RAG systems.

EXPERIENCE

Founder & Full-Stack Developer, FAITH
Oct 2025 — Present
- Leading development of platform transforming food delivery into open market system.
- Designing backend with Python/FastAPI, creating scalable API architecture.
- Developing cross-platform mobile app with Flutter for customers and businesses.
- Overseeing product development with focus on UI/UX and scalability.

C&C Systems Specialist, IDF Reserve
Oct 2023 — Sep 2025
- Led and managed soldiers in technical tasks, overseeing work quality and performance.
- Implemented and maintained Command & Control systems across units.
- Assessed system integrity including hardware and technical functionality.
- Conducted training sessions and performed system inspections.

Computer Science Educator, ORT Israel
Jan 2023 — Oct 2023
- Educated high school students on programming fundamentals using Python.
- Introduced younger students to programming through MakeCode application.

PROJECTS

The Lost One - Facial Kinship Verification
Python, PyTorch, TensorFlow, OpenCV, Dlib, React, FastAPI, Firebase
- Built full-stack application identifying parent-child relationships via facial analysis.
- Developed ensemble model combining deep learning with ML approaches.
- Implemented landmark detection and geometric feature extraction.
- Created React frontend with Firebase auth and FastAPI backend.

MimicWork - AI Homework Assistant
Python, FastAPI, React, LLM Integration, LangChain, Qdrant Vector DB
- Developed RAG system that learns user writing style from past assignments.
- Implemented semantic search using Qdrant vector database.
- Integrated LLM with custom prompts for personalized content generation.