AI Solutions Engineer

AI Engineer Student | Practical Engineer in Electronics
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Professional Summary

AI Engineer Student and Practical Engineer in Electronics (graduated with honors), with 6 years of technical and command experience in the Israeli Air Defense Array. Develops in Python, SQL and Machine Learning. self-learner with creativity and extensive experience solving complex problems under pressure and in teams. Deeply passionate about software development and artificial intelligence.

Education & Training

2025 – Present: Software Development, Data Science & AI – E-com College
Comprehensive professional training program (400+ hours) covering software development, data analysis, machine learning and advanced models.

- **Completed modules (grade: 100):**Pandas,Numpy,SQLite,Python-basic,ML,ANN,CNN**.**
- **In progress:** NLP,AI applications and Cloud.

2018 – 2020: Practical Engineer in Electronics – Kinneret College, Graduated with honors.

Academic & Independent Software Project

Personal Project – CKILS

- Developed a Python background tool for Windows that automatically switches the keyboard language (Hebrew/English) based on on-screen context detection.

Machine Learning Systems

- Developed a loan approval prediction system based on an SVC model, deployed to a live website.
- Developed a customer segmentation application using K-Means, integrated with a Large Language Model (LLM).

Database Design & Development (SQL)

- Designed a normalized (3NF) relational database for a pizzeria management system in DB Browser.

Software Development & Data Analysis (Python)

- Developed a Tic-Tac-Toe game,wrote additional programs and mini-projects for professional development.

Professional & Military Experience (6 Years of Service)

Commander & Team Leader (Iron Dome - RADAR) – Career Service and Reserve Duty, 2020 – 2026

- **Technological command and management:** Platoon Commander in career service and Deputy Platoon Commander in reserve duty. Responsible for the operational routine of MMR radar systems and for leading a technical team.
- **Systems analysis and troubleshooting:** Diagnosed and resolved software and hardware malfunctions in real time, worked with servers and computer systems.
- **Knowledge infrastructure:** Established a technical knowledge base and an equipment management system for the battery. The battery received a score of 100 in an external Wing inspection and was commended.
- **Training development:** Designed and built a professional training and debriefing program that led to an efficiency increase of over 150% in the technical section.

Financial Consulting

- Provided personalized financial consulting and built financial efficiency plans for families and individuals.
- Data-driven analytical thinker with a strong systemic vision, specializing in breaking down complex challenges and delivering creative solutions for high-stakes issues. Proven track record in leading long-term strategic planning, simulation-based scenario analysis, and implementing highly scalable automation and optimization systems.

Certifications & Technical Skills

- **Languages:** Python, SQL
- **Libraries:** NumPy, Pandas, Scikit-learn
- **Tools:** PyCharm, DB Browser for SQLite,Fast API,Streamlit,Render,Claude,Gemini,Visual-Studio,Antigravity,Cursor,TensorFlow,PyTorch,spaCy
- **Certifications:** Technical Inspector Course (Army), Electronics, Protocols & Navigation (64 hours - Army), Command Course (Army), Instructor Course (Army)

Languages: Hebrew - native, English (including technical English) - very good