Contact

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(LinkedIn)

Top Skills

Agentic AI Development

AI Workflow Automation

Python for AI Agents

Languages

Russian (Native or Bilingual)

English (Full Professional)

Hebrew (Native or Bilingual)

Certifications

ChatGPT Prompt Engineering for
Developers

LangChain Crash Course: Build
OpenAI LLM powered Apps

The Complete SQL Bootcamp: Go
from Zero to Hero

Introduction to IoT

The Complete Agentic AI
Engineering Course (2025)

Sergei Lerner

ERP & AI Solutions Architect | Priority ERP Expert | Agentic AI &
Automation | IoT Innovator | Data Integration | BI & Smart Systems
Tel Aviv-Yafo, Tel Aviv District, Israel

Summary

ERP & Automation specialist with 13+ years of experience driving
digital transformation across industries, including healthcare systems
and aerospace products. Expert in Priority ERP, complex system
integrations, and cross-platform workflows, with a strong focus on
AI-powered automation, data-driven decision-making, and smart
technology adoption (AI, BI, IoT).

Proven ability to lead high-impact projects, from large-scale
data migration (Priority to D365) to designing and implementing
automation pipelines that improve operational efficiency and
scalability. Skilled at integrating diverse ecosystems — from
enterprise platforms to smart home solutions — and aligning IT
strategies with business growth objectives.

Blending deep technical expertise with practical innovation, I
leverage AI tools, predictive analytics, and process automation to
deliver smarter, more connected, and future-ready systems.

Key technologies: Priority SDK, SQL, Web Services, D365,
Python, SmartThings, Home Assistant, BI, AI agents, automation
frameworks, data analytics.
Open to: senior roles in ERP strategy, IT management, AI-driven
transformation, and tech leadership.

Experience

Personal Project
Freelance Smart Home Developer
January 2019 - Present (6 years 8 months)
Tel Aviv District, Israel

Designed and implemented a fully automated smart home system using
SmartThings, Sonos, and Aqara sensors.

Built a Python-based presence detection engine with real-time mute/unmute logic for multi-room audio.
Deployed the solution as a Docker container on Synology NAS using custom automation scripts and SmartThings API.

Lidorr Elements
ERP & System Integration Expert | Priority + D365 | Data Migration | AI + IoT
June 2021 - July 2025 (4 years 2 months)

Tadiad
Enterprise Resources Planning Programmer
August 2020 - January 2021 (6 months)
Israel

Tulip Information Systems
ERP Project Manager
September 2016 - June 2019 (2 years 10 months)

Logistics & Financial projects manager at Shila (Clalit Group)

E&M Computing
ERP Programmer
September 2014 - February 2016 (1 year 6 months)
Tel Aviv, Israel

Implementing the ERP Priority in EMET company's divisions, including data extraction, transformation and load.
Implementation of the Agile system (Product Lifecycle Management tool) including development of a 2 way interface between the systems.
Development and implementation of the required forms, reports and procedures, on demand, on a daily basis.

Blades Technology LTD
ERP project manager
February 2012 - March 2014 (2 years 2 months)
Nahariya, Israel

Projects management of implementing the Priority ERP including design, development, staff training and implementation from go live onwards.

MedaTech
ERP Programmer
July 2011 - January 2012 (7 months)

European Schoolnet
Intership
February 2010 - March 2010 (2 months)

Education

Ort Braude College
B.Sc, Information Systems Engineering · (2005 - 2010)