Contact

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www.linkedin.com/in/sergei-lerner
(LinkedIn)
aputze.github.io (Portfolio)

Top Skills

FastAPI (AI backend services)

AI Agents

Retrieval-Augmented Generation
(RAG)

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

Connecting business operations with intelligent technology
Tel Aviv-Yafo, Tel Aviv District, Israel

Summary

I am an ERP and Integration specialist with more than 13 years
of experience building data-driven, automated and intelligent
systems for complex organizations. My background combines
Priority ERP expertise, large-scale system implementations and
hands-on engineering of APIs, automation workflows and AI-
powered solutions.In recent years I have shifted from classic ERP
implementation into a more technical and innovation-focused
path, including building integration layers, developing automation
frameworks, and connecting enterprise systems with modern AI
capabilities. I work comfortably across both business logic and
engineering, delivering practical solutions that improve efficiency,
reduce manual work and modernize operations.My experience
includes migrating Priority to D365, designing cross-platform
workflows, building smart-home automation on Python and Docker,
deploying API-driven services, and integrating systems using
Priority SDK, FastAPI, SQL, cloud tools and AI frameworks. I enjoy
taking complex operational environments and turning them into
connected, predictable and intelligent ecosystems.What I bring:•
Deep Priority ERP expertise with strong technical orientation•
Integration engineering: APIs, automation, orchestration, data
flows• Hands-on development skills in Python, SQL and cloud
environments• AI-powered automation: LLM tools, agents, end-to-
end workflows• Ability to connect business operations with modern
technologyOpen to roles involving ERP Integrations, AI-driven
automation, technical leadership and modernization of enterprise
systems.

Experience

Apūtzē Labs
AI Integration Engineer | LLMs, Agents, Automation
July 2025 - Present (5 months)
Tel Aviv District, Israel

Building AI driven solutions that connect enterprise systems, operational workflows and LLM based intelligence.

Key projects and responsibilities:
• MedOp – Designed and developed an AI agent based system for structured medical evaluations, combining LLM reasoning, Retrieval Augmentation, FastAPI backend, and orchestrated workflows.
• Priority MCP – Built a custom MCP (Model Context Protocol) integration for Priority ERP, enabling LLMs to interact with live ERP data, execute queries, trigger actions and automate internal processes.
• Developed API driven bridges between LLM services, databases, ERP platforms and automation pipelines.
• Engineered multi agent workflows for real time decision making, task orchestration and context aware automations.
• Experimenting with FastAPI, Docker, Python automations, Priority Web API, and cloud deployment models.

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

Drove core system architecture at Lidorr by taking Priority from a legacy state to a fully integrated, automated and analytics driven environment.

Highlights:
• Built and maintained complex Priority integrations, APIs and SDK based workflows.
• Executed the Priority → D365 migration: data models, mappings, validations and E2E troubleshooting.
• Engineered pricing logic, customer history models and operational automations used across finance and logistics.
• Replaced manual processes with scripted pipelines, triggers and API services.
• Served as the go to tech authority for Priority, integrations and backend logic.

Bottom line:
I turned Priority from a bottleneck into an automation platform.

Personal Project
Freelance Smart Home Developer

January 2019 - June 2021 (2 years 6 months)

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.

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)

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Education

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