Contact

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

Top Skills

Strategic Data Analysis

Machine Learning

TensorFlow

Languages

Russian (Native or Bilingual)

English (Full Professional)

Hebrew (Native or Bilingual)

Certifications

ChatGPT Prompt Engineering for
Developers

Introduction to IoT

Python for Data Science and
Machine Learning Bootcamp

LangChain Crash Course: Build
OpenAI LLM powered Apps

The Complete SQL Bootcamp: Go
from Zero to Hero

Sergei Lerner

Turning operational bottlenecks into automated, AI driven workflows
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 (6 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 2023 (4 years 6 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.

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)

Led strategic, logistics and financial projects at Shila, part of Clalit Health Services.
Managed cross functional initiatives that improved operational efficiency, supported digital transformation and optimized resource utilization.
Oversaw end to end project delivery including planning, execution and stakeholder coordination across clinical, operational and financial teams.
Implemented data driven workflows that strengthened decision making and enhanced service quality.

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)