

Kirill Lutcenko

AI Engineer | MSc AI

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SUMMARY

AI engineer with two years building production AI systems on top of 10+ years in software engineering, including a backend tech lead role. Build and deploy agentic systems with Google ADK, MCP, and LiteLLM, integrate commercial LLMs from Anthropic and OpenAI, design the tool interfaces, data access, observability, and evaluations. Deploy and operate ML models in production. Strong .NET and Python background across high-load distributed systems.

SKILLS

AI Agents, Google ADK, MCP, LiteLLM, LLM Integration, Tool Interface Design, Agent Observability, Agent Evaluation, AI-Assisted Software Engineering (Cursor, Claude Code), Python, .NET, C#, High-Load Distributed Systems, System Design, AWS, Docker

PROFESSIONAL EXPERIENCE

365Scores

AI Engineer

Build and deploy production AI systems, from prototype to reliable service.

06/2024 – Present
Tel Aviv, Israel

- AI agent development with Google ADK, MCP, and LiteLLM, integrating Anthropic and OpenAI models through custom tools, MCP servers, and data-access interfaces.
- Observability with OpenTelemetry, agent evaluation with LLM-as-a-judge.
- Cost and latency cuts through context engineering and model selection.
- Python data pipelines development for feeding production ML models.
- ML models deployment and operation in production.
- Software development with AI coding agents in Cursor and Claude Code via custom subagents, skills, and SWE-focused MCP servers.

Software Technical Lead (Back End Team)

Led backend design and delivery for cross-team projects on a high-load, always-online system, at 30 to 40 percent of my time alongside the AI role. Designed large functionality, complex computations, and deep refactorings across services. Broke down and estimated work, coordinated developers and stakeholders, built critical components directly, reviewed code.

06/2024 – 04/2026
Tel Aviv, Israel

Back End Software Engineer

Built and maintained a high-load distributed system serving sports data over a RESTful API at extreme scale. C# on .NET Core across MS SQL Server, MongoDB, and Redis, with CI/CD, containerization, and services on AWS EC2, ECS, and EKS.

01/2021 – 06/2024
Tel Aviv, Israel

Software Engineer

Ayehu Software Technologies

.NET development on an on-prem, multi-tenant IT automation platform. Built an MS Teams chatbot via MS Graph API, cloud components for an ML recommendation system, an SDK for third-party developers, and SAML SSO. Stack: C#, .NET Framework/Core, MS SQL, Azure, AWS, Python.

06/2019 – 01/2021
Holon, Israel

Back End Software Engineer

SIIS LTD

.NET Core backend for high-load SaaS. One of the key developers in a small team of four. Re-architected a cloud survey system from .NET Framework into .NET Core microservices in 8 months, moving hosting to Linux to cut cost. Stack: C#, .NET Core, EF Core, PostgreSQL, Redis, Docker.

06/2018 – 06/2019
St. Petersburg, Russia

Software Engineer

GK Scout

.NET (C#) backend on the Journey Management System, a vehicle monitoring platform. Built REST APIs, automated journey-approval paperwork, violation detection, and notifications. Estimated tasks, advised junior developers.

06/2016 – 06/2018
St. Petersburg, Russia

Junior Software Engineer (student position)

Peter the Great St. Petersburg Polytechnic University

Developed embedded systems software for the department's industry partners. Built computer models for research and engineering tasks.

06/2013 – 06/2016
St. Petersburg, Russia

EDUCATION

MSc, Artificial Intelligence

University of Leeds

2023 – 2025
Leeds, UK (remote)

BSc, Telecommunications and Radio Engineering

Peter the Great St. Petersburg Polytechnic University

2011 – 2015
St. Petersburg, Russia

LANGUAGES

English (fluent), Hebrew (conversational), Russian (native)