

TOMER COHEN

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SUMMARY

Senior Software Engineer, tech lead, international speaker, and blog owner with 10+ years in software engineering, specializing in cybersecurity, windows agents, backend, and engineering productivity infrastructures. Proven leadership in managing teams and delivering complex systems at scale.

EXPERIENCE

Microsoft – Senior Software Engineer |  2021–2025

- Led a squad of 5–6 engineers in developing a large-scale **Identity Threat Detection and Response (ITDR)** solution for the Windows ecosystem.
- Designed, implemented and delivered a high-performance security agent written in **Rust**, deeply integrated within the **Windows OS**, and deployed across millions of endpoints.
- Scaled the solution from an early prototype to a robust product protecting over **10 million users** globally.
- Owned and developed **command-and-control backend services** for the agent in **C#**, deployed on **Azure Cloud Services**.
- Drove cross-team collaborations and projects, and mentored all new team members.

Deep Instinct – Senior Software Engineer / Infrastructure Tech Lead |  2019–2021

- Created scalable pre-production systems in **Python (Flask, PostgreSQL)** used company-wide
- Defined development guidelines and mentored multiple engineers.
- Led backend initiatives and improved engineering practices across teams.

Prime Minister's Office (Israel) – Software Engineer & Tech Lead |  2014–2019

- Designed cross-platform automation infrastructure for **Linux, Windows, and Android**.
- Led architecture for 2 teams, developed device management tools, and owned CI/CD pipelines.
- Delivered robust automation tools in **Python** and **C#** with **TDD** and **Jenkins**.

OTHER PROJECTS & PUBLICATIONS

- **International Speaker** (2017–Present): Talks at global conferences on software design and engineering.
- **Blog Owner** – TomerCde.com: 250K+ views on software architecture and development

EDUCATION

Intelligence Corps Training (IDF) – C#, Python, Linux, Cybersecurity (2014–2015)
Kalay High School, Givatayim – Full Matriculation in CS (10 Points), with honors (2010–2014)

PERSONAL

Languages: Hebrew (Native), English (Fluent)

Soft Skills: Leadership, mentorship, public speaking, fast learner, independent worker