



Shaul Bar-Lev

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Passionate about technology and physical things, with solid foundations in software, hardware, mechanics and network architecture.

Maker, IOT Skills

- 3D Design and printing with Fusion 360, Solidworks, Blender.
- Electronics: ESP32 & Arduino projects, SBCs, Working with sensors and MQTT, Board replacements.
- Linux, Networking, Docker.

Tech Skills

- **Coding and Scripting:** Next.js, TypeScript, Java, Python, Bash, N8N automation with LLMs.
- **Systems:** Linux, Windows, network architecture, DNS, virtualization, web service deployment, cron automation
- **Video:** Deep knowledge of video technology; hardware, software and formats.
- **3D** Architectural and mechanical visualizations with Blender.

2025 - In Progress

B.Sc. in Computer Science

Reichman University

2025-2026

Front-end developer & automation engineer / [Knock](#)

- Designed and implemented a video heavy front-end experience, [Knock Cards](#), on next.js.
- Automated sales processes using n8n and LLMs, including generating specialized gifs for clients, scraping data and filtering it for internal usage.

2019 - 2022

Video Specialist / IDF, 81

- Led video-oriented projects in the intelligence space. Combining live video, deep-fakes and video compositing.
- Standardized 3D graphics workflows for special operations pre-visualization.

Graduated **Thelma Yellin High School of the Arts**, *Cinema Department*, 2015-2019

Languages: Fluent in Hebrew and English