Beersheva, Israel 0532409905 daniellublinsky39@gmail.com github.com/danielLublinsky linkedin.com/in/daniel-lublinsky

Daniel Lublinsky

SOFTWARE ENGINEER

BACKGROUND

I am an American software engineer with 5+ years of experience building backends, full-stack applications, data-intensive systems, and AI harnesses and pipelines. Hands-on with TypeScript, .NET, Python, SQL, GCP & AWS. Fluent in Hebrew, English, and Russian.

SKILLS

General
.NET Framework (VB / C#)
Microsoft SQL Server
Python, Node, React, Next.js
Rust, C / C++

Cloud
Google Cloud — BQ, Vertex
Cloud Run, Docker
NGINX, IIS, Windows Servers

AI & Data
RAG, embeddings, decision trees
Multi-agent orchestration
Context management
Evaluations, fine tuning

OS & Low level
Arch Linux, Red Hat, OpenShift
x86 ASM, UNIX internals
File systems, BIOS & bootloaders

Development
Claude Code, Herdr, Muse
Agents, plugins & MCP tooling
Jupyter, Git

EDUCATION

The Open University of Israel
B.Sc. Computer Science
Jul 2026 · In progress

Magshimim
Pre-military cyber program
Oct 2021 - Aug 2023
Low-level programming, hardware systems and networking.

EXPERIENCE

Contiki I.T
Sep 2022 - present (4 yrs 2 mos)
Full-time • Remote

Lead AI Engineer
Aug 2025 - present · 1 yr 3 mos

- Built end-to-end a BI AI retrieval system with RAG, CAG, Gemini, BigQuery, GQL, fine-tuning.
- Large-scale financial data modeling over 1M+ rows: OBS hierarchies, grouping dimensions, BigQuery pipelines, semantic search over org structures.
- Designed a multi-agent reasoning harness with orchestration, decision trees, routers, context tools.
- Safety evaluations, hallucination detection, openevals & LangSmith, performance optimization.

[Python, TypeScript, SQL, MCP, BigQuery, Orchestration, Graph Query, RAG, Context AG]

.NET Engineer
Sep 2022 - present • South District, Israel

- Built SQL Server data ingestion pipelines using ODBC/OLE DB, for large-scale financial data.
- Architected multi-threaded .NET engines and used dump analysis to resolve deadlocks and memory leaks.
- Developing large legacy software, optimizing I/O, ExcelComs, dependency injections, PowerPivot, API integrations.

[C#, VB.NET, PowerShell, Multithreading, ODBC / OLE DB, SQL Server, DuckDB, ERP APIs]

IAF Flight Test Center
Dec 2023 - Nov 2026 (3 yrs)
Lead Software Engineer • Israeli Air Force • Mandatory military service

- Built FastAPI / .ASP backends to interpret black boxes and model aircraft avionic blocks for ML analysis.
- Data & load heavy Debriefing and Decoding system integrating WASM, DuckDB, Jupyter kernels and NGINX.
- Developed ML change point detection, regression and anomaly detection across timescale data.

[Python, C#, JavaScript / TypeScript, ASP.NET, FastAPI, React, WASM, OpenShift, Jupyter]

Freelance Full Stack
Jan 2021 - Aug 2022 (1 yr 7 mos)
Independent Developer

- Developed and maintained full-stack applications for multiple clients (blogs, websites & apps).
- Developed iOS applications in Swift, integrating native Android features and APIs.

[Swift, JavaScript, React, Next.js, Node.js, SQLite, Firebase]

PROJECTS & VOLUNTEERING

Unix-style 32-bit OS
A 32-bit operating system. The operating system features a FAT16 file system, a two-stage bootloader, a physical memory manager, and a command shell written in C and Assembly.

FPV Drone Lab
Quadcopters built from bare frames — ESC/motor soldering, wiring, flight-controller and VTX integration. Betaflight firmware contributions, EdgeTX Lua scripting, ExpressLRS link protocols, and PID and filter tuning.

Visiting Lecturer (Volunteering)
Magshimim
Education • 1 year
Lecturing students on cyber & networking concepts, helping them manage their time and giving supportive advice to push education.