

Eli Benbaruk

ENGINEER & BUILDER · AI · BLOCKCHAIN

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Engineering student at ESILV (Fintech) building production-grade AI and decentralized systems. I pair AI and Web3 to ship products that are technically robust and genuinely useful.

EXPERIENCE

Forward Deployment Engineer · TVA Engineering 2026

Embedded in a 120-person industrial-engineering firm to make it AI-native; owned the central AI infrastructure end-to-end.

- Built the company's hybrid AI infrastructure — cloud plus a **self-hosted** cluster running open-source models routed per task, with security guardrails and extensive testing.
- Re-architected a non-AI-ready ERP for LLM access via custom MCP servers and shipped commercial and leadership tooling — saved **dozens of hours/week** across teams and helped land **~10 large clients**.

AI Engineer Intern · Euretudes 2025 · Summer

Took a recruiting firm from near-zero AI to agents in daily production use.

- Built custom LLM agents for recruiter workflows (sourcing, screening, CV formatting, follow-ups), now used daily by **30+ recruiters**.
- Ran enablement so non-technical teams adopted the tools, transforming the end-to-end recruiting process.

Freelance Software Developer & Growth · Self-employed 2019 — Present

End-to-end delivery for SMB clients since age 14.

- Shipped **35+ end-to-end client projects** — React / TypeScript frontends with custom backends — owning scope, build, launch and support.
- Ran Google Ads campaigns averaging **2x ROAS** and built complete growth strategies.

PROJECTS

- Heureka** (Research) — AI co-scientist that generates, falsifies and Elo-ranks evidence-grounded hypotheses. *Python · async · multi-agent*.
- FendFortItself** (1st · Arc) — spawns autonomous AI-run companies with on-chain wallets and live revenue in under 30s. *Next.js · Gemini · viem*.
- XRQuantum** — first quantum-resistant layer for the XRPL blockchain. *Python · graph analysis*.
- zkrust** — Groth16 zk-SNARK proving system built from scratch, zero crypto dependencies. *Rust · 6.5K LOC*.

EDUCATION

ESILV — Engineering Degree, Fintech Major 2024 — 2028

Prépa Emc2 Hadamard — CPGE MPSI / MP (maths, physics, CS) 2022 — 2024

SKILLS

Engineering Python · TypeScript · Rust · Solidity · React / Next.js · FastAPI

AI & Agents Multi-agent orchestration · MCP servers · evals · LangChain · PyTorch

Blockchain Solana / Anchor · EVM / Foundry · zk-SNARKs · viem / wagmi

AWARDS & COMMUNITY

- 4x hackathon winner** — Arc, XRPL x2, Hack'inDauphine.
- Helped organize **The Great Hack** — on track to be Europe's largest student blockchain hackathon.

LANGUAGES

French (native) · English (C1) · Italian (B2)