

LINA YAHIAOUI

Product Engineer

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PROFILE

Product engineer who owns the problem and ships the solution. Three years running an internal SAP product used daily across **26 production sites in 6 countries** — deciding what gets built, specifying, testing and releasing it — alongside a record of building full-stack products end to end: AI agents, payments, zero-knowledge apps and protocol security. Trilingual (EN / FR / AR).

PROFESSIONAL EXPERIENCE

Louis Vuitton (LVMH) **Paris | Oct. 2022 – Aug. 2026**
Product / Project Manager, Industrial Finance & SAP Solutions Expert — promoted twice

- **Owned the finance SAP product** used daily by 1–3 controllers on each of 26 sites, from backlog to release.
- **Ran the roadmap over 4 PI-planning cycles a year,** shipping 5–9 prioritised evolutions per cycle.
- **Led Constellation:** merged two SAP core models in 9 months as the sole finance owner.
- **Led the SAP FMS rollout on production sites,** coordinating IT, finance, supply chain and logistics.
- **Built and led the global user community** across 6 countries — onboarding, documentation, training.
- **Presented the portfolio to the Direction Finance Industrielle** every cycle, framed around user value.

DEF Réseau **Paris | Jun. – Sep. 2022**
IT Project Manager

- **Resolved ERP adoption issues across international sites,** tracked budget, schedule and risk for steering committees, and built SQL and Power BI reporting for decision-making.

SELECTED PROJECTS

- **Parasol — hedging agent** *(ETHGlobal Lisbon 2026).* An agent interviews a business owner about their risk exposure and builds a hedge from live prediction-market prices. The AI writes only the risk profile; pricing and payments are ordinary code, and the user signs every transaction. *Nuxt 4, TypeScript, Solidity.*
- **AudiThor — pay-per-second smart-contract audits** *(ETHGlobal).* AI agents audit contracts and are paid by streaming micro-payments from escrow, with unused budget refunded on-chain, encrypted results and World ID human verification. *Next.js, TypeScript, Solidity.*
- **zkPredict — anonymous prediction market.** Private bets and zero-knowledge reward claims: a Leo program on Aleo plus the React front end. *Leo, React, TypeScript.*
- **Lightning node in Rust.** Built and operated a Bitcoin Lightning node from scratch on testnet as a systemd service, with a custom LNURL server and client. *Rust.*
- **Air+ production dashboard** *(Capgemini hackathon).* Rebuilt a factory's real production workflow from its ERP, MES and PLM data and showed where work stalls: top 5 bottlenecks, 8.5 hours of delay, a fix for each.
- **Protocol security research.** Found a systemic weakness in the XRP Ledger by reading its C++ source, proved it on a test network, then shipped a fix. Presented as a technical talk; details withheld at Ripple's request.

SKILLS

Engineering: TypeScript, Python, Rust, Solidity, C / C++ / C#, Java, SQL; Nuxt, Next.js, React; APIs, AI agents, payments, distributed systems, zero-knowledge proofs; Claude Code daily.

Product: discovery, roadmap and backlog, specification, prototyping, UAT, Agile / Scrum, PI planning, change management, executive communication.

Platforms: SAP FMS, IFS, Navision, JDE; PLM; Power BI; Jira.

Languages: English (TOEIC 990/990, C2), French (native), Arabic (native).

EDUCATION

ESILV — Léonard de Vinci Graduate School of Engineering **Paris**
Engineering Diploma (MSc-level), Computer Science with Fintech focus · Très Bien

INSEEC — Higher Institute for Economic & Commercial Studies **Paris**
Bachelor in Management & Finance · Très Bien

ECE Paris — Central School of Electronics **Paris – London**
First year of engineering, London exchange · C project awarded best of cohort (300+)

INTERESTS

Rotary / Rotaract: former President. **Sport:** swimming (13 yrs), volleyball (regional), horse riding (7 yrs).