



Lorenzo Larghi

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💻 <https://elel.dev>

TL;DR

Languages: TS, Rust, Python, Kotlin, C++. **Experienced:** Everything JS related, .NET, EF, Cryptography, P2P, Docker, Kubernetes, ArgoCD, Jenkins, DataDog, Redis, Kafka, ElasticSearch, PostgreSQL, MongoDB, Spring Boot, OAuth, CI/CD, Linux and IIS. **Cloud:** Azure, AWS. **AI:** OpenAI, OpenAI Assistants API, RAG pipelines, MCP, TensorFlow, ML, NLP. **WEB3:** Solidity, Web3.js, Hardhat, Truffle, OpenZeppelin, Infuria, MetamaskSDK, ERC-20, ERC-721(A), ERC-1155, zk. **Years of experience:** 6.

WORK EXPERIENCE

Backend & AI

SHAPE

[11/2023 – current]

- Developed PubSub services for the real time monitor of energy and fueling transactions.
- CI/CD pipelines maintainer; DataDog team for better observability.
- Developed AI chatbot implementations, with complex RAG and function tools setup (OpenAI, MCP).

Backend & DevOps

LINKS Foundation

[01/2023 – 11/2023]

- On-prem Linux system administration and maintainer of different deeptech services.
- PM for European project proposals, system design, code reviews, mentorship of junior hires
- Secured funding through successful grant application and technical delivery ([INCIT-EV](#)).

Backend & WEB3

NANOPASS

[10/2021 – 01/2023]

- Developed the first GPT-like customizable virtual assistant in the blockchain ecosystem.
- Coded the core API, intent recognition to HF transformers or api actions.
- Achieved 100% uptime during spikes of traffic for demo launch through serverless architecture.
- Wrote the minting [smart contract](#), pushing to adopt the innovative ERC-721a (151 ETH [volume](#)).

Backend & AI

Vocalime

[01/2022 - 03/2022]

- Developed successful Alexa skills for Amazon subsidiary company.
- Contribution to the open source framework Jovo.

Fullstack & AI

VIRTHULAB (University of Florence)

[09/2018 – 07/2021]

- Multiple-year research grant as a young academic promise.
- Development of web and mobile apps that bring together AI and psychology.
- Contributed to many AI scientific papers, like: [wafer-et](#), one [application of it](#), [fer comparisons](#), [iat](#).

EDUCATION & CERTIFICATES

Logs, APM & Distributed Tracing *DataDog*

[03/2024 – current]

Master in Artificial Intelligence *Harvard Online*
Bachelor in Computer Science *Florence University*

[10/2020 – 07/2021]

[09/2018 – 07/2021]

DISSEMINATION ACTIVITIES

Talks

- “Building observable-first event driven architectures” [@FRAMNACON 2024](#)

Articles

- Weekly (or at least I try) publications on Cypherpunk culture and crypto related topics, from beginner to advanced level of difficulty

: <https://mirror.xyz/0x88f1fD4624d81dfD223f305a30e51Ca51229c2D1>

: <https://dev.to/elel-dev>

Communities

- I'm the tech lead of the Discord community for crypto alpha and support for the city of Lisbon, where I offer technical advice and recommendation, while developing useful Web3 technologies to help members navigate crypto's stormy sea:

: <https://x.com/lisbonlabs>

: <https://discord.gg/Bzy5TdbT3T>