



## 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 ]

## 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/elef-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:
  - 𝕏: <https://x.com/lisbonlabs>
  - discord: <https://discord.gg/Bzy5TdbT3T>