Nicola Scionti

Full Stack Engineer

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OVERVIEW

I am a first-principle thinker who loves solving complex challenges. My focus is inherently product-oriented: I leverage my full-stack skills to build robust solutions that directly address user needs and business goals. I am most experienced in the TypeScript ecosystem but am always open to exploring the best technology for the job.

EDUCATION

- **University of Milano-Bicocca** — Milano, MI, Italy
  Master's Degree in Computer Science — *Graduated: 2020*
- **University of Milano-Bicocca** — Milano, MI, Italy
  Bachelor's Degree in Physics — *Graduated: 2017*

EXPERIENCE

- **European Commission, EFFIS Team (via Arcadia)** — JRC Ispra, VA
  Full Stack Engineer — *2023 – Present*
  - **Current Situation Viewer**: An interactive map that shows the most up-to-date information on the current fire season in Europe and the Mediterranean area. This includes today's meteorological fire danger maps and forecasts, as well as daily updated maps of hot spots and fire perimeters.
    - **Stack**: Postgres, Flask, Vue, Kubernetes, Bash, Gitlab CI/CD, AWS
    - **Impact**: Architected and delivered a high-availability system that processes and visualizes vast streams of real-time scientific data, making critical information accessible and understandable to a global audience.
- **Leroy Merlin (via OAKS)** — Remote
  Full Stack Engineer — *2020 – Present*
  - **Analytic Dashboard**: A business intelligence dashboard designed to analyze the customer experience at Leroy Merlin. The data comes primarily from surveys, which are aggregated to present both well-known indicators like the Net Promoter Score and custom KPIs that emphasize specific business aspects.
    - **Stack**: Postgres, NestJS, Angular, Kubernetes
    - **Impact**: Provided the business with a centralized tool to translate complex customer feedback into actionable KPIs, directly influencing strategic decisions on customer experience.
- **Quantaste** — Remote
  Full Stack Engineer — *2022 – 2023*
  - **Financial Dashboard**: Product used to track financial data, create portfolios and analize them from a correlation perspective.
    - **Stack**: Postgres, Flask, Next.js, AWS
    - **Impact**: Developed a platform that empowers users to make data-driven financial decisions by providing tools for portfolio tracking and sophisticated correlation analysis.
- **OAKS** — Remote
  Full Stack Engineer — *2022*
  - **Analytic Dashboard**: Multi-tenant abstraction of the previously described dashboard, with the aim to target all types of businesses.
    - **Stack**: Postgres, Next.js
    - **Impact**: Helped adapt a single-tenant application into a scalable SaaS platform so that it could be offered to multiple clients.

PERSONAL PROJECTS

- **Stock That Cheddar** — Remote
  Full Stack Engineer — *2023 – Present*
  - **Stock That Cheddar**: Aims to be a platform that supports people in managing all aspects of personal finance, including cash flow monitoring, portfolio management, and net worth tracking.
    - **Stack**: Sveltekit, Go, PostgreSQL, Ansible

TOP SKILLS

Languages: TypeScript, Python **Client**: Angular, Vue, Svelte, React **Server**: NestJS, Flask, Sveltekit, NextJS
DB: PostgreSQL **DevOps**: GitLab, Docker, Kubernetes, Linux **Cloud**: AWS, GCP