

# Nicola Scionti

Full Stack Engineer

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## EDUCATION

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- **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*

## OVERVIEW

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I am a first-principle thinker who loves challenges and solving difficult problems. I hold strong opinions, but I'm always ready to change them when presented with new evidence. This mindset has helped me build a strong problem-solving framework while staying adaptable to changing boundary conditions. In the first five years of my career, I prioritized developing a broad understanding of the overall product over specializing deeply in one area. For this reason, I identify as a Full Stack Engineer. I am most experienced in the TypeScript ecosystem but am always open to exploring other technologies, whether for work or personal projects.

## FREELANCING EXPERIENCE

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- **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. A classifier is also implemented to categorize feedback from customers.
    - \* **Stack:** Postgres, NestJS, Angular, Kubernetes
  - **Analytic Dashboard:** Generalization of the previously described dashboard, with the aim to target all types of businesses, having data stored in various structures.
    - \* **Stack:** Postgres, Next.js
  - **Chrome Extension:** A tool to record and replicate user interactions with the web page.
    - \* **Stack:** React
- **EFFIS - Arcadia** Remote + 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 for up to 6 days, as well as daily updated maps of hot spots and fire perimeters.
    - \* **Stack:** Postgres, Flask, Vue, Kubernetes
  - **Decision Support System:** An interactive map that visualizes wildfires and their severity, while also displaying real-time data on the location and type of firefighting resources.
    - \* **Stack:** Postgres, Flask, Vue, Kubernetes
  - **Workflows:** Engineered scientific scripts that compute data for the previous two applications, then containerized, scheduled, and deployed them.
    - \* **Stack:** Gitlab CI/CD
- **Quantaste** Remote  
*Full Stack Engineer* *2022 – 2023*
  - **Financial Dashboard:** Product used to track financial data, create portfolios and analyze them from a correlation perspective.
    - \* **Stack:** Postgres, Flask, Next.js, AWS

## PERSONAL PROJECTS

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- **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:** Postgres, Golang, Sveltekit