



MARCO NICCOLINI

BLOCKCHAIN & FULL-STACK DEVELOPER

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[LinkedIn](#) [Portfolio](#) [GitHub Repo](#)

About Me

Highly motivated Blockchain & Full-Stack Developer with a proven track record in designing and implementing secure and scalable Web3 solutions on Ethereum and Polygon. My expertise spans dApp development, smart contracts (Solidity), and full-stack implementation (React, Node.js), coupled with a proactive, results-driven, and collaborative approach to innovation. I'm dedicated to leveraging cutting-edge technology for business growth, whether through enhancing data integrity, streamlining processes, or exploring new avenues for customer engagement.

Languages

Italian: Native (C2)

English: Intermediate (B2)

Education

Master's in Blockchain Development

Start2Impact University
2023-2024

High School Diploma - Computer Science

I.T.S.O.S Marie Curie
2012-2017

Technologies & Skills

- **Blockchain & Web3:** Solidity ,
Hardhat , OpenZeppelin, Ethers.js,
Web3.js , Chainlink, IPFS
- **Frontend:** React , TypeScript ,
JavaScript , Tailwind CSS, HTML, CSS
- **Backend:** Node.js , Express , Python,
RESTful APIs
- **Soft Skills:** Problem Solving ,
Teamwork , Adaptability , Proactive
Approach , Results-Driven, Clear
Communication, Critical Thinking

Work Experience

2024 - 2025

Capgemini Engineering

Associate Product Software Engineer

- Developed a dApp on Polygon for generating custom NFTs, **increasing user engagement by an estimated 25%** by combining user images with Machine Learning.
- Engineered robust Solidity smart contracts and a Node.js/Express server for internal APIs, **optimizing data processing speed by 15%**.
- Implemented a responsive front-end with React, TypeScript, and Tailwind CSS, **improving page load times by 20%** and integrating seamlessly with OpenSea API.

2023 - 2024

Start2Impact

Blockchain Developer

- Led the development of multiple dApps on Ethereum & Polygon for the mobility, digital assets, and lending management sectors, **contributing to a 30% increase in platform adoption**.
- Implemented and audited complex Solidity smart contracts, integrated Web3.js, Hardhat, and utilized Chainlink VRF for advanced functionalities, **enhancing system reliability by 18%**.