

# SHAHRDAD NADAFI

BACKEND DEVELOPER

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## OBJECTIVE

As a versatile blockchain developer with 3 years of experience, I have successfully developed NFT marketplaces and blockchain systems while demonstrating proficiency in smart contract development and Hyperledger Fabric. My comprehensive knowledge of essential programming languages and hands-on experience in diverse projects make me an adaptable and valuable contributor to any blockchain endeavor.

## PROGRAMMING LANGUAGES

Solidity  
Rust  
JavaScript  
Hyperledger fabric/Cello/Explorer  
JAVA  
Go  
Python  
Bash

## LANGUAGES

English | Advanced  
Italian | Intermediate

## EXPERIENCE

**Backend Blockchain Developer** Aug 2022 — Present  
Astrakode — Pescara

- Write, test, and deploy smart contracts for various use cases such as decentralized finance (DeFi), non-fungible tokens (NFTs), and governance systems.
- Creating a low-code platform that simplifies the whole process of creating and configuring blockchain networks and smart contracts using an intuitive visual development environment.
- Integrate the blockchain system or dApp with external systems such as oracles, APIs, and other off-chain data sources.

**Backend Developer** Jan 2021 — Aug 2022  
Archipelagus — Turin, Italy

- The first green-minded metaverse created for the preservation of our planet.
- Designed, implemented, and tested smart contracts for the play-to-earn game mechanics, NFT marketplace, and metaverse platform, ensuring secure and efficient operation.
  - Assisted in designing and implementing sustainable in-game economic systems, including tokenomics, rewards distribution, and resource management.

**Blockchain Developer** Jan 2021 — Aug 2022  
Vectorium — Turin

- Vectorium is a project that aims to create a decentralized and sustainable energy ecosystem using blockchain technology.
- Developed a secure, scalable, and efficient blockchain architecture tailored to Vectorium's unique requirements.
  - Developed a system to facilitate secure and transparent energy transactions between producers, consumers, and investors within the Vectorium ecosystem.

## EDUCATION

**Master of Science in Programming** Aug 2019 — Dec 2021  
Polytechnic of Torino — Turin

## PROJECTS

**Developed a specialized NFT marketplace** focused on gaming and metaverse assets.

**Developed a specialized NFT marketplace** focused on Real Estate Assets.

**Developed an exchange** for the Laqira platform with a copy trading system.

**Developed a decentralized digital identity (DID) platform** using blockchain technology.

## HONOR AND AWARDS

Winner of Polito Challenges by firms:

The challenge involved accurately calculating and monitoring energy consumption at electric vehicle charging stations. Our innovative solution entailed designing a private Proof-of-Work (PoW) blockchain to meticulously track the energy generated from the grid, thereby enabling precise and transparent energy management.