FrancescoMoca

about me

Italian
27 years old

contact

francescomoca.ml
me@francescomoca.ml

languages

Italian
English

programming

Javascript
Go
Solidity
Python
Java
PHP
Bash
SQL

frontend

Vue.js + Vuex
React + Redux
React Native
Angularjs

blockchain

Bitcoin
Ethereum
Hyperledger Besu
R3 Corda
Hyperledger Fabric

misc

Linux
Git
Kubernetes (EKS)
AWS
Spring Boot / Hibernate
PyTorch
OrientDB

summary

My main interest are technologies such as blockchain and distributed ledgers for the development of decentralized applications. I believe decentralization will have a strong potential in the future and I try to keep up with the new technologies and use cases that emerge every day.

work experience

2020–Now

CONSULTANT
Blockchain Reply
I worked on several project, involving important clients (mostly bank and insurances), trying to innovate business processes using the blockchain to make them more transparent and efficient. I develop fullstack (mainly Spring Boot and VueJs) and have experience with many blockchain platforms such as R3 Corda, Hyperledger Fabric and Hyperledger Besu. For some project I also worked on the infrastracture using Kubernetes on AWS. Currently I am working as Blockchain Solutions Architect for one of the most important financial company in Italy.

2019–2020

BLOCKCHAIN DEVELOPER
Freelancer
I worked with Genuino World, a startup that offers supplychain verification as a service: I developed a custom ERC721 smart contract, a dashboard to create and manage NFT tokens and a mobile wallet to allow users to interact with this tokens and exchange them.

2016–2019

MOBILE DEVELOPER
Freelancer
I developed a mobile companion application for a board game, 3 Secrets, commissioned by DaVinci Editrice. The game was released in 2017 and in the following years I continued to maintain the app to add new languages and features.

education

2016–2019

M.Sc. in Software techniques [110/110 with honors]   Università di Bologna
Thesis: "State channel on blockchain technologies: a case study on multiuser games"
Peer to peer web application using layer 2 scaling solutions such as state channels to facilitate the implementation of blockchain-based games.

2015

Erasmus+ Program   Adam Mickiewicz University (Poznań, PL)
I took part in the "Google Online Marketing Challenge", gaining experience with Adwords and online marketing.

2012–2016

B.Eng. in Computer Science [105/110]   Università degli Studi di Perugia
Thesis: "Blockchain: Big Data Management"
Web application useful to analyse the Bitcoin transaction flow through the use of oriented graphs to visualize the sequence of transactions contained in the blockchain.

other qualifications

2019

Ethereum Developer Program Online Bootcamp 2019   Consensys Academy

interests

professional: Blockchain, Cryptocurrencies, Decentralized Applications, NFTs, DeFI, Machine Learning, Data Mining, Open Source, Linux, Usability and User Experience.
personal: Travelling, Photography, Cooking, Rap Music, Videogames and Board Games.