

# RODOLFO PIETRO CALABRÒ

Senior Software Developer



## WORK

MGAR Energy SRLs | Junior Developer | 03.2019 - 04.2021

NTT Data Italia SPA | Blockchain Software Developer Engineer | 04.2021 - 01.2023

Horizen Labs | Senior Smart Contract Engineer | 06.2022 - 01.2023

VeChain Foundation San Marino SRL | Senior Blockchain Developer | 01.2023 - NOW

## EDUCATION

Liceo Scientifico G.B. Scorza | High School Scientific Diploma | 12.07.2016 - 83/100

University of Calabria (Unical)

- Bachelor's Degree in Computer Science (L-31) | 06.09.2016 - 25.07.2019 - 95/110

- Master's Degree in Data Science (LM-18) | 01.10.2019 - 20.12.2021 - 103/110

MasterZ - Blockchain and Digital Assets | AIO Blockchain Lab SRL | 07.2022

<https://opensea.io/assets/matic/0x2953399124f0cbb46d2cbacd8a89cf0599974963/37912846989437473799933213870497165215501391704981195481847523040040184709121>

## SKILLS

<b>Web Development (Full Stack)</b> <ul style="list-style-type: none"><li>- Vue, React, Angular Next, Tailwind, Bootstrap, Vuetify</li><li>- Express, Flask</li><li>- Selenium, Jest, Junit</li></ul>	<b>Distributed Systems</b> <ul style="list-style-type: none"><li>- Strong theoretical concepts in Consensus Protocols and Distributed Systems</li><li>- OpenMP, MPI, OpenCL</li></ul>
<b>Programming Languages</b> <ul style="list-style-type: none"><li>- JS/TS, Python, C/C++, Java, R, PHP, SQL, C#, Bash</li></ul>	<b>Blockchain (App/Core Development)</b> <ul style="list-style-type: none"><li>- Solidity, Lisk, Corda DLT, Algorand, Web3 Stack, VeChain, Ethereum</li></ul>
<b>Systems and Networking</b> <ul style="list-style-type: none"><li>- Iptables, Wireshark, GRPC, P2P</li><li>- Linux (Debian based :D)</li></ul>	<b>Game Development</b> <ul style="list-style-type: none"><li>- Unity, XNA, LibGDX, SDL, LibArcade, OpenGL</li></ul>
<b>DevOps and Tools</b> <ul style="list-style-type: none"><li>- Docker, Git, Markdown, Latex, Doxygen, Makefile, CMAKE, Maven</li><li>- Trello, Wrike, ClickUp, MS Office, Google Workspace, Photoshop</li></ul>	<b>Data Science (Mainly Data Engineering)</b> <ul style="list-style-type: none"><li>- Hadoop Stack, Tableau, Pentaho DIT, MS Analysis Service, MySQL, Postgres, Jupiter, Google Colab, Tensorflow, Pandas, NumPy, Matplotlib</li></ul>
<b>Relational capabilities</b> <ul style="list-style-type: none"><li>- Working in teams and good in applying agile methodologies</li></ul>	<b>Driving licenses</b> <ul style="list-style-type: none"><li>- Italian "B" driving license</li></ul>

**\*\*NOTE:** This are only my MAIN technical skills related to my main areas of interest

## CONFERENCES

**CONSENT, CERTAINTY and CERTIFICATION: problems and perspectives of digital validation and building trust** | Speaker - University of Calabria | 06.04.2021

I was one of the speakers in this seminary related to blockchain technologies. I spoke about the usage of blockchain in recycling plastic and I exposed my blockchain project called 'NdujaChain'.

<https://www.blockchainlab.it/ccc.html>

**ZenCon0** | Guest - Hotel Magna Pars | 11.09.2022 - 13.09.2022

I was a guest at the ZenCon0 event in the Magna Pars hotel.

<https://zencon.events/>

## CERTIFICATIONS

**HTML Level 1, Javascript Level 1, PHP Level 1, CSS Level 1** | CCA Cambridge Certification Authority - 11.2017

**Certified Blockchain Developer Ethereum** | BTA - 07.2022

<https://www.btacertified.com/dlink/6613cdea81bdd5739ad2f35542b5288f2d5fa74ba6aad5f05f1a1a699f16c1f2/certdisplayhash>

**Corda Certified Developer** | R3 - 25.07.2022

[https://www.credly.com/badges/4d69e2a4-e42c-4eca-8be6-4764478156d5/linked\\_in?t=rflkci](https://www.credly.com/badges/4d69e2a4-e42c-4eca-8be6-4764478156d5/linked_in?t=rflkci)

## EXPERIENCES

**B2B Token Economy Platform | Developer, Test Manager - NTT DATA Japan | 04.2021**

Development, Test and release for B/L operations, using digital assets. Not only cryptocurrencies, but also Stable Coins. With the introduction of multi signature transactions.

[https://it.nttdata.com/news-and-events/2022/progetto-blockchain-per-transazioni-commerciali?utm\\_source=Linkedin&utm\\_medium=Post&utm\\_campaign=News](https://it.nttdata.com/news-and-events/2022/progetto-blockchain-per-transazioni-commerciali?utm_source=Linkedin&utm_medium=Post&utm_campaign=News)

**CBDC Global Offering | Developer, Test Manager - NTT DATA Japan | 10.2021 - NOW**

Design and software implementation that allow clients (central banks) to make experimentations of digital currencies in an experimental environment of NTT Data Italia and NTT Data Japan.

**Apestake.io | Frontend Developer | 07.2022 - 12.2022**

Frontend development of the famous platform Apestake.io with Horizen Labs, Smart Contract team.

## MEMBERSHIPS

**Hacklab Rende (CS) Partner - 05.2017**

I was a partner of a cultural association called Hacklab. It is located in Rende at the university of Calabria. The core of this association is Open Source. A lot of partners are system engineers and programmers.