

Grégory Saive

SENIOR SOFTWARE DEVELOPER | Web3 Solutions Architect | SaaS Expert

Partida Coig Pol. 4,
Parcela 89, 03510
Callosa d'en Sarria,
Spain
(+34) 691511802
greg@evi.as

ABOUT ME

I am Grégory Saive, and I live in Spain; I am a software artisan who stepped into software in 2002. I have a great deal of professional experience to offer with regards to software development and for every step of the lifecycle of your software project!

I have previously acted as a Head of Development for NEM Foundation, as a Blockchain Lead in Web3 for dHealth Foundation and as a CTO for UBC Digital Magazine. All the while, continuing to grow my technology skills.

EXPERIENCE

dHealth Foundation, Zürich — Blockchain Lead, Interim CTO

MARCH 2021 - JUNE 2023

Building Public Blockchain Infrastructure for Healthcare. Managing client software development projects (product development) and leading research on use cases for Healthcare with <https://dhealth.com> ; Active project contributions are split amongst following products: the ELEVATE dApp, the SIGNER app and our dApps FRAMEWORK for easier development of dApps on top of dHealth Network.

NEM.io Foundation, Singapore — Head of Development

APRIL 2017 - OCTOBER 2020

Head of development @ NEM.io Foundation. Managing client applications development projects for #NEM and #Catapult #Distributed #Ledger, defining 2nd layer protocols and development standards for #NEM, defining wallets integration processes, and many more.

Also, article writing for different web platforms and magazines: <https://www.heise.de/select/ix/2018/7/1531029675514769>.

eVias Service, Belgium — Freelancer and Advisor

JANVIER 2013 - APRIL 2017

Blockchain Development with the NEM Blockchain (<https://nem.io>), Bitcoin, EOS and Ethereum. Decentralized Application Development in trustless environments using Peer to Peer Technology and Cryptocurrency Blockchains. Web Applications Development, Consulting in Software Development, Code Review and Online Presence Management for companies all over the world.

SKILLS

Native software (C++ & Typescript)

Server software (C++ & Typescript & PHP)

Blockchain networks (C++ & Typescript)

Smart contracts and blockchain apps (Typescript)

Software Development Kits (Typescript & Vue & React)

Token economies using blockchain

Blockchain uses cases and applications

Public-key cryptography protocols

TECHNOLOGIES

Laravel (PHP), Node.js, Nest.js, Vue.js.

Qt, Boost, CMake, Docker.

MySQL, PostgreSQL, MongoDB, PouchDB.

Redis, Memqueue, RabbitMQ.

OpenSSL, Protobuf, End-to-end.

Secure key exchange & Cryptography

Merkle tree & Graph protocols

EDUCATION

IFAPME, Verviers — *Bachelier en informatique de gestion*

SEPTEMBER 2006 - JULY 2008

Administrateur Systèmes / Réseaux.

Athénée César Franck, Kelmis — *Graduation*

SEPTEMBER 2005 - JULY 2006

Notion in languages (french, german, dutch, english).

PROJECTS

Symbol from NEM — *Dual blockchain migration*

Deployment of next-generation blockchain networks including Wallet-, Explorer-, Monitoring software and software development kits. Deployment of smart contracts and smart contract audit.

PacNEM — *Research of Play-to-Earn*

PacNEM is a Peer-to-Peer Online Multiplayer Game featuring the popular Pacman game in a remake with a Play-to-Earn system using blockchain. This project was featured in the Heise.de iX Magazin in July 2018.

dHealth Health-to-Earn — *Open Standard Definition*

Health2Earn is a Peer-to-Peer Rewarding Solution powered by Strava and dHealth Network. Using a smart contract that we developed, participants are rewarded for completing healthy activities.

dHealth ERC20 Bridge — *Fintech Software*

Our ERC20 Bridge for dHealth is a cross-chain swap solution powered by dHealth Network. Using a smart contract that we built, users can swap tokens between different blockchain networks, dHealth and Ethereum.

dHealth Wallet — *Fintech Software*

dHealth Wallet is a SaaS Web Software to interact with data and identities of dHealth Network. It can be used to sign transactions, to manage identities and watch network activity in real-time.

UBC Digital Magazine — *Blockchain magazine*

UBC Digital Magazine produces high-quality free educational content relating to blockchain and distributed ledger technology including: sample use cases, tutorials, articles, showcases and reviews making use of emerging technologies like blockchain and/or others.

PROGRAMMING

C++ (15+ years)

PHP (15+ years)

Javascript (10+ years)

Typescript (10+ years)

SPOKEN LANGUAGES

French, German, Dutch, English and Spanish.

PUBLICATIONS

[Use case: Driving the digitization of society](#)
- 2023, for UBC.Digital

[Exploring Smart Accounts with ERC-4337](#)
- 2023, for UBC.Digital

[Making blockchain real: Short-lived smart contracts](#)
- 2022, for UBC.Digital

[How digital signatures work in blockchain](#)
- 2021, for UBC.Digital

[Integrity in the era of data](#)
- 2021, for UBC.Digital