



Rubén Calvo Villazán

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EDUCATION

2016 - 2019 **Degree in Computer Engineering at the University of Granada.**
(Granada)

Specialization in IT (Information Technology).

Graduating **with honors** in the subjects related to programming.

Realization of a **Final Degree project using Blockchain** technology that obtained the qualification of **8.5**



UNIVERSIDAD
DE GRANADA

2013 - 2015 **Bilingual Scientific and Technological Baccalaureate.**
(Granada)

Baccalaureate studied in **English** in a bilingual way, in both scientific and technological subjects.

Exchange student for 3 months in Belgium.

EXPERIENCE

2019 - Present.
(Sevilla)

Full-Stack Blockchain Developer.

As the only Blockchain Full-Stack developer in this company, I dedicate myself both to the end user's view and to all the Blockchain logic behind it. Using **Hyperledger Fabric**, my role is to integrate several **REST API** developed in **NodeJS** with the Blockchain, enabling an Angular application for the end user to interact with it.



- **Hyperledger Fabric**, network design and development.
- **Smart Contract** development using **NodeJS** and **Go**.
- REST API hosted on **AWS** (Amazon).
- Cloud computing.
- Blockchain integration with **AWS S3** storage.
- Blockchain integration with a decentralized storage system (IPFS).
(<https://ipfs.io/>)
- Version control and collaborative code with **GitHub**.
- Modularization of the backend in containers **Docker**.
- Blockchain network maintenance.
- **Angular** web application for it's integration with various REST API.

PROJECTS AT THIS COMPANY

- **Industrial secrets management system**, made with Hyperledger Fabric technology. Smart Contract programmed in Go. Blockchain integrated into a REST API made in NodeJS and connected to a front-end programmed in Angular.
- Implementation of a **Blockchain** in Hyperledger Fabric for its **integration into business processes** in order to facilitate tasks related to the production of a service or product for a customer.
- **Integration of Blockchain technology into the electricity and renewable energy market** to reduce production costs, identify the right customers for one type of product and ensure energy efficiency throughout the process.

2019 - Present.
(Granada)

Blockchain Freelance Developer.



As a Freelance Blockchain consultant and developer, my goal is to bring the Blockchain model to small businesses to facilitate business processes with the benefits that Blockchain technology brings.

For this purpose I use **Ethereum** Blockchain technology, integrated with a REST API in **NodeJS**.

As a demonstrable example I have developed a system that allows to store forensic evidence in the Blockchain, whether files or content on websites.

Ethereum Framework.

- Ethereum, development and integration of a REST API in **NodeJS**.
- Smart Contract development in **Solidity**.
- Smart Contract compilation and network management with **Truffle**.
- Application testing with Ganache and TestRPC network.
- Application integration with **web wallet** Metamask.

2017 - 2018
(Granada)

Business Intelligence Consultant at Banco Mare Nostrum.



During my experience as a Business Intelligence Consultant at Banco Mare Nostrum, I worked on its integration with Bankia, performing the complete migration of the customer database, as well as launching periodic procedures to keep data updated for, later, display them processed in a web portal.

- Technological integration of BMN with Bankia for the banking migration.
- Development of procedures in PL/SQL language.
- Database processing with Teradata.
- Data analysis.
- Creating reports with MicroStrategy.
- Data processing via a web portal.

2017 - 2019
(Granada)

Sales Promoter and Sales Agent in Jazztel.



- Sale of products.
- Excellent customer service.
- Communicative skills.
- Dynamism and pro-activity.
- Orientation to results.
- Teamwork and leadership.
- Commercial marketing.
- Problem solving.
- Communication with clients from all over the world, use of several languages.

PERSONAL PROJECTS

- Forensic evidence manager with Ethereum Blockchain. (<https://github.com/rubcv/tfg>) (<https://prezi.com/p/swqnb2o6ygn/>) (presentation).
- Industrial secret management system using Hyperledger Fabric.
 - ✓ API CRUD (create, read, update, delete)
 - ✓ Integration with Amazon S3, IPFS and AWS.
 - ✓ Web application in Angular for the front-end.
 - ✓ REST API integrating Hyperledger Fabric and NodeJS.
- Decentralized File System (IPFS) API with NodeJS. (<https://github.com/rubcv/IPFS-API>)
- Advisor with the University of Telecommunications of Granada (ETSIIT) in an extension of my Final Degree Work.
- Creation of a web service in the decentralized network Tor. (<https://github.com/rubcv/Hidden-Service-Tor-Network>)
- Decentralized voting system using Hyperledger Fabric. (<https://github.com/rubcv/Decentralized-Vote>)
- YouTube channel with video tutorials dedicated to decentralized technology: Blockchain Made Simple (<https://www.youtube.com/channel/UCGReyQexaqZtvfkqogBWaHw>)

LANGUAGES

Spanish – Mother tongue.

English – High level. C1 Advanced. Full-Working Proficiency.

SKILLS

- Passionate about Blockchain technology.
- Persistence to get results.
- Good communication skills.
- Ability to adapt to changes.
- Leadership skills.
- Decision-making.