

# FRANCISCO GÓMEZ GALLARDO

## Full Stack & Blockchain - Web3 Developer

+3 years experience as a full-stack and blockchain-Web3 developer. Jump from business to technology in 2021. Track record building entire complex projects for third parties as a freelance. Multitasking profile and entrepreneurial mindset. Use of technology to make better business-oriented decisions. Ability to assume ownership of requests and go beyond what the job or situation requires. Capacity to work collaboratively in a team environment or in an autonomous way.

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## RECENT WORK EXPERIENCE

### Full-Stack Developer (January 2021 / At Present - Entrepreneur & Freelance)

→ **Magnifyer Site (Own Business, paused January 2022):** *Url:* [Magnifyer.site](https://magnifyer.site)

→ **Find My Bridge:** *Url:* [findmybridge.com](https://findmybridge.com)

Tech Stack used: Git, React.js, Next.js, Node.js with Express, MongoDB, AWS S3, Jest, and Stripe.

#### Responsibilities:

- **Design, develop, test, and deploy entire web applications** — backend, frontend, database, storage, and payments.
- Follow **best practices** to make the **code understandable, maintainable, and scalable. SOLID Principles.**
- **Implement API REST architecture.**
- Develop **API endpoints, server security, frontend routing, page views, admin panels, and app functionalities** (search and filter, sign up, log in, create and manage profile, upload images, read, write, and edit in the database).
- **Manage different user types with different read-write permissions.**
- **Implement authentication systems** using **JsonWebToken** and **SignIn-With-Ethereum.**
- **Utilize advanced React functionalities**, such as **Custom Hooks, useContext, React Portal, useMemo, useCallback, Virtualization.**
- **Design and implement a prize and reward system** based on referral links.
- **Build an in-house analytics system.**
- Develop an application using **Incremental Static Regeneration** with Next.js.
- Migrate from Next.js12 to **Next.js14, updating from Pages Router to the new App Router. Use of server actions.**
- **Develop a mini-app Telegram Bot version** that enables users to use the app directly from Telegram.

#### Key accomplishment:

- **Build a complex web app within 6 months from scratch, starting with zero programming knowledge.** (Magnifyer)
- **~100 registered users** without marketing. **~65 completed profiles and active users.** (Magnifyer)
- **99/100 performance evaluation** using Vercel analysis tool in Find My Bridge app. (FMB)
- Improvement of **fast website loading.** First Contentful paint (0.69s), Largest Contentful Paint (0.49s), Cumulative Layout Shift (0.034).
- **Grow the traffic of the app from 0 to 11K monthly visits.** December 2023 traffic data. (FMB)

### Blockchain and Web3 Developer (January 2022 / At Present. - Freelance)

→ **Works: NFTs with different utilities, Raising capital for startups, Yield Farming, and dFinance apps.**

Tech Stack used: Git, React.js, Next.js, Ethers.js, Solidity, Hardhat.js, Truffle Suit, Mocha, Chai.

#### Responsibilities:

- **Listen to the client, understand their needs, and choose the best tech stack** for the projects.
- **Educate and guide clients about Blockchain Technology** and its implications.
- **Develop a raising capital system** using **blockchain technology.**
- **Develop, test, and deploy Smart Contracts** following the best practices to **ensure good quality and secure code. ERC-20, ERC-721** with different utilities, **Vesting, Staking, and custom Smart Contracts.**
- **Design and create mock-ups for the web3 apps** based on the client's branding.
- **Architect the web3 app and file system** to make the **code understandable, maintainable, and scalable.**
- **Develop the web3 apps** enabling the users **to connect to the blockchain and interact with the client's smart contract.**
- **Analyze the performance** of the web3 apps, making changes and **optimizing the code** if necessary.
- Develop an **airdrop script to reward the client's token holders** monthly based on the quantity held.
- **Stay updated** with the latest news regarding the **technology used.**

#### Key accomplishment:

- Built **robust code** that can support the simultaneous connection to many smart contract instances, maintaining **good performance.**
- **Launch the Token Generation Events** (a **high-traffic event**) **without any inconvenience** in the web apps, enabling clients to **raise more than \$200.000 each**, between the pre-seed round and public token sales.
- Give **real utility to the NFTs collections**, and **make the client's tokens usable, adding value to the entire client ecosystem.**

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## **Background in Finance & Financial Markets**

**Forex & Futures Trader / Portfolio Manager** July 2013 / January 2019 (5 Years and 7 Months)

**Accountant and Financial Controller Jr.** March 2011/ June 2013 (2 Years and 3 months)

## **EDUCATION**

**09/2011 – 06/2012** Bachelor's degree in Business Administration and Management at Nebrija University + BA in International Economics at Suffolk University, Boston (Unfinished)

### *Courses & Certifications*

**09/2021 – 09/2021** NFT Collection + Ethereum Smart Contract by **\_BuildSpace**.

**09/2021 – 09/2021** Solidity + Smart Contract by **\_BuildSpace**.

**11/2020 – 01/2021** JavaScript Algorithms and Data Structures Certification by **FreeCodeCamp**.

**11/2012 – 03/2013** English studies at Liverpool College.

**07/2009 – 08/2009** English as a foreign language at the University of Portsmouth.

## **LANGUAGES**

- Spanish, English.

## **OTHER RELEVANT INFORMATION**

- Learning about Testing, Continuous Integration, Typescript, and AI.
- 'Successfully' launched numerous side projects.
- Entrepreneurial experience.
- I was a collaborator in **SOS4Pymes in 2020**. A solidarity platform created to help small and medium businesses to overcome the COVID-19 crisis.
- Experience with tools like **WordPress, WebFlow, Figma, and Notion**.
- Deeply committed to improving both hard and soft skills.
- Possesses international experience.
- Open for Worldwide opportunities.