

FRANCISCO GÓMEZ GALLARDO

Full Stack & Blockchain Developer

+4 years experience as a full stack - blockchain developer. Jump from finance to technology in 2021. Track record building entire complex projects as a freelance. Multitasking profile and business mindset. Use of technology to make better business-oriented decisions. Capacity to assume ownership of requests and go beyond what the job or situation requires. Ability to work both collaboratively in a team and in an autonomous way. Strong adaptability. I thrive in fast-changing environments.

RECENT WORK EXPERIENCE

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

→ **Most relevant works:** *Url:* fcogomez.work

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

Responsibilities:

- Listen to the client, understand their needs, and choose the best project tech stack.
- Lead all phases of the development cycle. — logic, backend, frontend, testing, deployment, ci/cd, database, storage, and payments.
- Follow best practices to make the code understandable, maintainable, and scalable. SOLID Principles.
- Implement API REST architecture.
- Manage different user types with different read-write permissions.
- Implement authentication systems using JsonWebToken, OAuth2, and SignIn-With-Ethereum.
- Design and implement a payroll to restrict access to exclusive content.
- Utilize advanced React functionalities, such as Custom Hooks, Context, Server Components, Memo, useCallback, Virtualization.
- Design and implement a referral system based on codes and links.
- Build an in-house analytics system.
- Development using Incremental Static Regeneration, and Server Side Rendering with Next.js.
- Migrate from Next.js12 to Next.js14, updating from Pages Router to the new App Router. Use of server actions.
- Development of mini-app Telegram Bot versions that enable users to use the app directly from Telegram.
- Build small experiments to dive deep into CI/CD flows, AWS Lambdas, and Microservices architecture.

Key accomplishment:

- Build a complex web app as a side project within 6 months from scratch, starting with zero programming knowledge.
- 99/100 performance evaluation using Vercel analysis tool.
- Boosted user acquisition 5x through improvements in SEO strategy.
- Increase client monetization through in-house analytics, and the implementation of a freemium model.

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

→ **Works:** Tokenization, NFTs, Onchain Payments, Raising capital for startups, Yield Farming, and DeFi apps.

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

Responsibilities:

- Listen to the client, understand their needs, and choose the best project tech stack.
- Educate and guide clients about Blockchain Technology and its implications.
- Develop, test, document, and deploy Smart Contracts following the best practices to ensure good quality, gas-optimized, and secure code. ERC-20, ERC-721 with different utilities, Vesting, Staking, Rebase Tokens, DeFi, and custom logic Smart Contracts.
- Testing the smart contract using advanced tools, including unit, integration, forked, fuzz, and invariant tests.
- Develop a raising capital system using blockchain technology, and Token Generation Event.
- Develop a fully on-chain payment gateway using stablecoins. Including user purchase management and a referral system.
- Develop an airdrop script to reward the client's token holders monthly based on the quantity held.
- Design and create mock-ups for the web3 apps based on the client's branding.
- Architect and develop the web3 apps that allow my clients' users to interact with their smart contracts.
- Build small experiments to dive deep into Account Abstraction, Merkle Trees, cross-chain, and DeFi protocols development.
- Stay updated with the latest news regarding the technology used.

Key accomplishment:

- 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 their entire ecosystem.
- Helping a web2 app leverage blockchain by enabling onchain payments, without intermediaries or fees, driving mass adoption.

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 EVM low-level code, Smart Contract Security, AI, and Software Architecture.
- 'Successfully' developed and launched numerous side projects.
- Entrepreneurial experience.
- Competitive experience in high-level sports.
- 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 **NoCode** tools like **WordPress**, **WebFlow**, **Figma**, and **Notion**.
- Deeply committed to improving both hard and soft skills.
- Possesses international experience.
- Open for Worldwide opportunities.