Carlos Fontes Teixeira - fonstack.dev

Frontend Web3 and Blockchain Developer

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WORK EXPERIENCE

Hats Finance   **Oct. 2022 – Present**
Lead Fullstack Web3 Developer   *(Remote)*
- Development of a decentralized and multi-chain bug bounty protocol. I am in charge of refactoring and improving the whole system with the best technologies and architecture using React.js.
- Connection of the Hats dApp with our smart contracts using ethers and wagmi. Usage of The Graph for getting data from the chain. Interaction with ERC4626 (Tokenized vaults).

El Dorado   **Apr. 2020 – Present**
Co-Founder & Head of Developers and Web3   *Tallinn, Estonia (Remote)*
- Participated and received awards in two Hackathons: Circle's Money Hacks and Aragon's Hack for Freedom.
- Development and product management of crypto wallets mobile app, P2P exchange, and savings accounts (using DeFi protocols); developed using flutter and serverless architecture using AWS (DynamoDB, Lambda, and Cognito).
  - As Head of developers, I manage a team of developers and work alongside the CTO on the backend architecture.

Viz.ai   **Jan. 2022 – Oct. 2022**
Fullstack Developer   *Lisbon, Portugal (Remote)*
- Development of a developer tool for working using a virtual environment on AWS EC2 Instances.
- Development of Viz Web application (platform for analyzing DICOMs and medical images) using React.js, React Query, Recoil, Storybook, React Testing library, and Cypress.

Baires Dev   **Sep. 2021 – Jan. 2022 (5 months)**
Frontend Developer   *California, United States (Remote)*
- Development of internal CRM for user management; developed with Angular.

Protos Tech   **Sep. 2020 – Dec. 2021 (1 year and 3 months)**
Frontend Developer   *Panama City, Panama (Remote)*
- Development of Panama's National Assembly software in which the deputies can ask to speak, vote, see the current session, and all that in real-time using WebSockets; developed with Angular (Ionic) and REST API (Node.js and Express).
- Developed an SDK for a facial recognition library for the Electoral Tribunal of Panama; developed using pure JavaScript and using artificial intelligence algorithms.

Muscle   **Jul. 2021 – Oct. 2021 (4 months)**
Frontend Developer   *San Jose, Costa Rica (Remote)*
- Development of Muscle App. A fintech and white label app for redeeming bank loyalty points renting cars, buying flight tickets, paying for hotel stays, and more; developed using React Native.
- Developed the web app for a Chrome plugin that can be used to purchase products with bank loyalty points in eCommerce like Amazon.com and mercadolibre.com. Was developed using React.js.

Aether Solutions LLC   **Mar. 2018 – Dec. 2020 (2 year and 10 months)**
Fullstack Developer   *Caracas, Venezuela*
- Developed an e-Commerce for a big supermarket using Angular and Firebase; custom CMS using React.js and Firebase for managing the shop's products, orders, coupons, stock, deliveries, and clients.
- Development of an e-Commerce template for sale with functionalities like a shopping cart, products with variations, coupons, delivery and pickup, and payments with PayPal's API.

EDUCATION

Universidad Metropolitana   **December, 2019**
Systems Engineer   *Caracas, Venezuela*
- Academic Excellence Scholarship • Honorific Mention Award in the Thesis.

SKILLS & LANGUAGES

- **Skills:** React; Next.js; Web3; Ethers.js; TypeScript; Solidity; Hardhat; Gatsby; Flutter; Firebase; Node.js.
- **Languages:** Native Spanish; Conversational English; Fluent Portuguese.
- **Interests:** Frontend, Fullstack, Web3, Blockchain, DeFi, DAOs.