

Education

Benemérita Universidad Autónoma de Puebla (University)

B.S Computer Science

Fourth semester.

Expect Graduation on 06/2025

Puebla, Mx

08/2021-Current

Experience

Hackathon BBVA NFT – Winner Team (Hispanic America level)

Remote

Blockchain developer

10/2022

ACENDANT BBVA aims to provide a promising blockchain-based solution for managing financial transactions and improving transparency and security in the financial sector. It uses cryptographic algorithms and consensus mechanisms to ensure the security and transparency of all transactions, including the ability to track transactions in real-time, monitor suspicious activity, and facilitate secure and convenient fund transfers and online purchases.

Technologies used: React.js, Ganache, Hardhat, Solidity, IPFS, Ts, Js.

- The images were generated using artificial intelligence algorithms.
- The smart contract was programmed using the Solidity language and deployed on the Goerli network.
- An ERC-721A standard token was utilized for the non-fungible token implementation.
- The benefits were removed from the system without the token being burnt.
- The decentralized application was developed using the React framework and the Tailwind CSS library.

Hackathon Talent Blockchain – Runner-Up Team (Latin America level)

Remote

Blockchain developer

10/2022

CryptoBlueberry: Dapp for group subscription sharing for learning and personal development. Promotes inclusivity, blockchain tech for secure and transparent transactions, and DeFi adoption. Supports web 3.0 transition and decentralization of information.

Technologies used: Solidity, Hardhat, Ganache, Rif, React.js, Ts.

- The application enables payments to be accepted in RDOC cryptocurrency.
- The smart contract was programmed using the Solidity language and deployed on the RSK network.
- A smart contract has been implemented to facilitate automated payments.
- Group and subscription management is performed using On-Chain data, ensuring transparency and security in the process.
- The decentralized application was developed using the React framework.

Collection NFT

Remote

Developer Full-Stack (Blockchain)

04/2022

The project involved the creation of a unique NFT collection, deployed on the Ethereum main net, to optimize gas usage during the minting process, a Solidity smart contract was crafted using the ERC-721A token standard. To ensure transparency and accessibility, the metadata was uploaded to an IPFS server, and a distinct image combination was generated for each NFT to provide varying degrees of rarity. The Dapp was developed using React, and the connection was made using ethers.js.

- The project deployed a Solidity smart contract using the ERC-721A token standard on the Ethereum mainnet.
- The metadata was uploaded to an IPFS server.
- Distinct image combination was generated for each NFT to provide varying degrees of rarity.
- The Dapp was developed using React and connected using ethers.js

Skills

Tech. Languages: JavaScript (Inter.), HTML/CSS (Inter.), Solidity (Inter.)

Tech. Frameworks: React, Node.js, Selenium, BootstrapV5, Hardhat, Ganache, Postman.

Tech. Developer Tools: Git, Github, VS Code.

Cloud: Azure: App Service, Azure Functions, VM, Virtual Network, Azure Active Directory, Microsoft Sentinel.

Certifications: [Azure Fundamentals AZ-900](#), [Introduction to Cybersecurity](#), Data Structure Udemy, Solidity certification(Udemy).

Languages: Spanish (native), English (C1)