

# Arthur Morales

Senior Full Stack Developer

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## Work experience

### Senior Software Engineer | Blockchain Advisor

2024-01 - 2024-06

#### Lucia Protocol

- Led the development of the Lucia Airdrop website for LCI(ERC20) token, utilizing **React**, **Vite**, **Web3.js**, and **Tailwind CSS**.
- Developed and deployed **Airdrop** smart contracts using **Solidity** and **Hardhat**
- Built and implemented **Lending & Borrowing** smart contracts using **Solidity** and **Hardhat**, providing users with decentralized financial services and expanding the functionality of the Lucia Protocol.
- Collaborated on the development of Lucia **DEX**, a decentralized exchange similar to Pancakeswap, using **Solidity**, **Next.js**, and **Tailwind CSS**, integrating it with the Manta blockchain protocol.
- Contributed to the development of the Ad attribution system, both on the frontend and backend, utilizing **React**, **Node.js**, **Express.js**, and **Flask**, enhancing the tracking and analysis of advertising campaigns.
- Made a technical decision of tokenomics and blockchain product architecture to improve marketing

### Senior Full Stack Developer

2021-08 - 2023-09

#### Coinbase

- Played a key role in the **Coinbase Developer API** team, focusing on maintaining and bug fixing to ensure optimal functionality and performance of the platform.
- Designed and implemented the "Ancient Society" **blockchain protocol**, using **Cosmos SDK** accommodating a user base of 100,000+ individuals and handling 10,000+ simultaneous users, resulting in a highly scalable and efficient system.
- Built the **blockchain node** structure and installed the blockchain protocol, ensuring the seamless operation of the Ancientcoin blockchain network.
- Developed a **blockchain explorer** for the Ancientcoin blockchain network, providing users with transparent and accessible information about transactions and blocks.
- Contributed to the development of **crypto exchange protocols** on the Ancientcoin platform, including both decentralized and centralized exchanges.
- Successfully built and deployed the **BEP20** token "LioEagle" on the **Binance Smart Chain**, enabling users to transact and interact with the token on the blockchain.
- Developed **DeFi** protocols, including **token staking** and **yield farming** projects, utilizing the "LioEagle" token to provide users with additional earning opportunities.
- Integrated the "LioEagle" token with the Ancientcoin platform, enabling seamless interoperability and enhancing the overall ecosystem.
- Developed a **crypto wallet** specifically tailored for the Ancient Society Project, providing users with a secure and user-friendly interface to manage their digital assets.

### Senior Back End Developer

2018-06 - 2021-06

#### IBM

- Built web applications, including **SaaS**, **healthcare**, **restaurant**, **real estate**, **traveling**, and **education** websites, using **HTML**, **CSS**, **JavaScript**, **Node.js**, and **Express.js**.
- Implemented **CI/CD** pipelines and infrastructure with **GCP** and **CircleCI**, streamlining the deployment process and ensuring efficient and reliable software releases.
- Architected and developed the foundation of the application, providing a clear and scalable structure for the team to follow, resulting in improved collaboration and productivity.
- Made strategic technical decisions to build a scalable out-of-the-box solution that met both scalability requirements and tight deadlines.
- Integrated payment gateway using **Stripe**, enabling seamless and secure online transactions for users.
- Led a team of 5 people in **Agile** development work, coordinating tasks and ensuring timely delivery of high-quality software solutions.

## Full Stack Developer

2013-03 - 2018-04

Desert IT Solutions

- Developed and maintained over 20 web platforms using **HTML, CSS, JavaScript**, and related frameworks, ensuring high-quality and user-friendly experiences for clients.
- Designed and implemented more than 70 **RESTful APIs** to facilitate seamless data integration between frontend and backend systems, improving overall system efficiency and performance.
- Successfully integrated 50% of third-party APIs, enabling seamless data retrieval and system integration, enhancing the functionality and capabilities of our web platforms.

## Education

### Bachelor of Computer Science

- 2012-04

University of Nevada

Bachelor of Computer Science

University of Nevada, Las Vegas

Sep 2008 - Apr 2012

## Skills

### Blockchain



Solidity, Rust, Smart Contract, Ethereum, Solana, Cosmos SDK

### Testing



Hardhat, Truffle, Foundry, Mocha, Jest

### Cloud Service / Hosting



AWS, GCP, Azure

### Javascript



Typescript, Node.js, Express.js, React, Next.js, Vue.js

### Python



Django, Flask

### PHP



Laravel, WordPress, Drupal

### Golang



Blockchain protocol

### Rust



Solana