Daniel Arroyo

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Summary

Computer Scientist and Software Engineer, doing blockchain and web3 development with 2 years of experience in projects like Ethereum mainnet smart contracts and deployed web3 sites. I believe in efficient communication and love to learn new tech involving web and blockchain.

Skills

Solidity, Ethereum, Smart Contracts, web3, Blockchain Development

I can develop, test and deploy Ethereum smart contracts from scratch, using Solidity and software like Infura, IPFS, web3, ganache, Metamask, Mocha, Hardhat and Truffle. Most frontends for these apps have been built on React. I know the ERC721 and ERC20 standards.

React, Node, Nest, Express, SQL, Python, Git, Software Engineering

I have experience building web apps as a FullStack Engineer with React and Angular as frontends (TS) with Next, and NodeJS (Javascript), ExpressJS and .NET (C#) as backends. I can design and deploy databases in SQL Server, PostgreSQL and MongoDB. I have led teams on an agile enviroment as a Scrum Master, using GIT version control. I am an exceptional problem solver.

DigitalOcean (DO), Docker, Cloud Computing

I have created, deployed and managed Docker containers, migrating existing working apps to DO.

Experience

Aquasoft Software Engineer, may 2023 - aug 2023

Developed and mantained the codebase for shrimp farms and shrimp packs full ERP systems built on .NET Core, Razor Pages, SQL Server and MySQL on Azure servers.

Blockchain Developer, 2021- present

Entered Chainlink Hackathon with a tokenized ticket minting dApp with Chainlink Oracles, QuickNode and a Golang integration API. Developed a Lottery Smart Contract on Ethereum: It uses React and Infura, web3 to allow the user to enter ETH through Metamask to win ETH in a pool; tested with Mocha. Developed a NotKickstarter DApp on Ethereum: it uses React, Next, Infura and web3 to allow users to create campaigns, donate funds to a campaign and withdraw funds. Deployed the Skolens Mint App using Polygon and Truffle. I run my own IPFS node too.

Freelance Web Developer, 2020 - present

Developed and deployed sites: flexoprint.com.ec, mahisa.com.pe, skolens.xyz and dani3.com

Broadnet Software Engineer, 2019 - 2020

Designed and developed a complete CRM web app on .NET, Angular and SQL Server, together with the "Broaders" software development team as a Scrum Master in an agile environment.

Education

Udemy, 2022-2023

Ethereum and Solidity: The Complete Developer's Guide.
Modern React with Redux [2023 Update].

ESPOL, 2016-2021

Bsc. in Computer Science.
Activities: Subject teaching tutor on Database Systems. Subject research tutor on Mobile Apps and IoT Devices (Scrum). Monitoring web app development for ESPOL's Bosque Protector Prosperina (MVC). Published paper: Tourism Analysis in Ecuador through Airbnb.