David de Esteban

Fullstack developer:
Javascript | React | Redux
Looking for a position as Junior Dev

Alicante (Spain)

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Skills

Languages: Solidity, JavaScript, Python, Typescript

Frontend: React, Redux, Bootstrap, HTML, CSS

Backend: REST APIs, express, MongoDB, GraphQL

Tools: Git, Github, VS Code, Node.js, Heroku, Agile

Testing: jest, cypress

Blockchain: Solidity, Ethers, Truffle, Ganache, smart contracts (ERC20 tokens, dApps)

Languages

Spanish: Native

English: Fluent

Dutch: Pre-intermediate

French: Conversational

German: Elementary

Education

University of Helsinki (ongoing)
Fullstack Open Course

Dapp University (2021)
Blockchain Developer Bootcamp

Udacity Nanodegree Program (2021)
Blockchain Developer

Universidad Politécnica De Valencia/ETSII (2003)
Industrial Engineer (Msc)

Michigan Technological University (MTU) (2000)
Mechanical Engineering Scholarship

Umeå Institute of Design (2013)
Industrial Design Intensive Course

Projects

Delta Radar
delta-radar.herokuapp.com | Github

Technologies: Solidity | React | Redux | MongoDB

App showing possible profitable arbitrage trades on Ethereum and BSC blockchains

- Scans token pools across different DEXs to find price differences
- Calculates the optimum amount to trade
- Triggers a smart contract with flash loan capabilities

Dolphinance
dlp-token-exchange.herokuapp.com | Github

Technologies: Solidity | React | Redux

Exchange Dapp deployed to the Rinkeby network

- The Dapp allows buying and selling the native token of the exchange, deposits and withdrawals, placing limit orders and tracking token price.
- Smart contracts fully deployed on Rinkeby network: Exchange contract | Native token contract

UniCharts
uniswapv3-charts.herokuapp.com | Github frontend | Github backend

Technologies: Solidity | TypeScript | React | Redux | MongoDB

Charting App that shows price data from Uniswap V3 pools

- The backend (TypeScript) retrieves data from Uniswap V3
- Price data is processed and stored on a MongoDB database
- The frontend reads price data from the database and generates the charts
- Easy search of coin pairs, visualization of charts in different timeframes

Experience

Frontend and SEO support | YOGI TIMES (Bali, Indonesia) | 09/2022 – 11/2022
Wordpress website maintenance and optimization specialist

- Improved website performance
- Implemented code to change styling of the website
- Guided article editors to solve technical issues

Crypto games researcher | Big-dao (Phuket, Thailand) | 08/2022 – 19/2022
Associate researcher for crytpto games analysis start-up

- Analysed *Moon Nation* and *Vulcan Verse* games
- Assessed project quality based on tokenomics, community and team

Installations Engineer | Stadler Rail (Valencia, Spain) | 06/2019 – 24/09/2020
Mechanical Engineer at the Installations Department

Mechanical Engineer | NS Trein Modernisering (Haarlem, Netherlands) | 12/2016 – 05/2018
Mechanical Engineer at the Systems and Cabling Department

Consultant and Engineering Business Developer | Decnika S.L. (Valencia, Spain) | 09/2013 – 11/2016
Head of entrepreneurial project providing engineering consulting services

Rolling Stock Design Engineer | Vossloh Rail Vehicles (Valencia, Spain) | 10/2003 – 05/2012
Mechanical systems engineer, design leader of driver's desk for locomotives