James Ramos

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Websites, Portfolios, Profiles

- https://js-rs-dev.github.io
- https://www.linkedin.com/in/james-ramos-3279b9314

Professional Summary

A straightforward communicator who is friendly, honest, and open to learning and innovation, goal driven and passionate about starting something, open and ready to build a Unicorn, focuses on creating the best possible product rather than aiming to get rich quickly

Skills

- JavaScript, TypeScript, Python, Solidity
- React, React Native, NodeJS, Django, Flask, Ethers.js, Web3.js
- PostgreSQL, MongoDB, MySQL
- Docker, Kuberntes, AWS, Foundry, HardHat

Work History

Senior Full Stack Engineer   Oct 2023 - Jun 2024

Comarch   Krakow, Poland

Played a pivotal role in the development Decentralized Voting System

- Set up a multi-tier, duo-core backend to handle off-chain data including user profiles and poll metadata with the use of NodeJS/ExpressJS
- Designed & implemented smart contracts wit Solidity to handle poll creation, voting and result tallying
- Implemented workflow to store non-sensitive data in MongoDB database
- Wrote unit tests for smart contracts to ensure functionality and reliability with Truffle
- Migrated from Redux-based state management system to NextJS SSR functions & React Context API
- Integrated Ether.js to interact with the Ethereum blockchain and smart contracts

Lead Developer   Mar 2018 - Oct 2023

Emerline   Heidelberg, Germany

Initially began with a 2-year contract, which has been extended to a 5-year term, was responsible for a full cycle of development of 2 projects. In year 4 got elevated to the role of lead developer overseeing a team of 7 web/mobile developers, 2 QA engineers and 2 designers

- Collaborated with stakeholders to gather and analyze business requirements for blockchain integration
- Developed a comprehensive architecture for integration blockchain solutions with existing applications and databases with the use of Python/Django
- Wrote and deployed smart contracts that facilitate integrations between the blockchain and the app
- Implemented middleware solutions to facilitate data exchange between blockchain networks and traditional databases
- Built responsive and user-friendly interfaces that allow users to interact with blockchain features, such as wallet connections, transaction submissions, and data retrieval
- Worked closely with cross-functional teams, including product managers, designers and other devs to ensure alignment on the project goals

Front End Developer   Mar 2016 - Jan 2018

Amadeus IT Group   Madrid, Spain

Started as an intern in the product development department of Amadeus IT Group. Collaborated closely with senior engineers. Advanced to junior mobile developer within 2 years

- Translated Figma designs into working UIs on Web and Android platforms
- Developed Single Page Applications using React, Redux and Material UI
- Wrote mobile app for iOS and Android using React Native from the scratch
- Troubleshot embedded software used in wireless data networking for CDMA/LTE/5G phones and tablets
- Integrated Amadeus travel APIs into the project, enhancing the functionality, and improving the overall user experience
- Worked in a team as well as independently and delivered on aggressive schedules and goals

Education

Bachelor of Science: Computer Science   Jan 2016

Poznan University of Technology   Poznan. Poland

Project Leader in "Computer Science Club", led 3 incubator projects during the undergraduate years, one of them nominated in "IT Festival" held in Poznan