

Kent Miguel

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EXPERIENCE

Full Stack Developer , Smart Contract Auditor - Solidity / Web3

July 2022 – Present

Part-Time

Smart Contract Auditor - Code4Arena , Sherlock DeFi

- Audited DeFi protocols using Foundry and Hardhat to search and fix vulnerabilities within the system
- Refactored code by writing and executing test cases to improve gas optimizations

Decentralized Ranked Choice Voting System

- Wrote a Ranked Choice Voting System Application using Solidity which utilizes Chainlink Automation to conditionally execute different phases of the election process based on the given time parameter
- Used Remix and Hardhat Framework throughout the development of the application which includes unit testing and writing scripts which test flows of the election process

Decentralized Bounty System

- Developed a Decentralized Bounty System using Solidity where users can post bounties with definition along with a prize amount and claim bounties using a password
- Built the front-end of the application using Next.js framework and Metamask for user interface
- Utilized Remix and Hardhat Framework in the development of the application and execution of unit and mock tests

Marketplace - Ethereum Decentralized Application

- Wrote a marketplace smart contract using solidity where users can purchase courses with ETH
- Utilized Metamask while using Truffle, Ganache, Remix, and Mocha for testing and development
- Created the front-end with Next.js framework with Tailwind for css and web3 to interact with the blockchain

Deloitte

Nov 2020 – June 2022

Solution Specialist - Full Stack Developer

Lake Mary, FL

- Developed 21 single page applications using Vue.js with Typescript from a .NET based legacy web application which is utilized by 1000s of users filing for worker's compensation in the state of Pennsylvania
- Built RESTful Web API's using ASP.NET used to serve data between a Vue.js front-end and SQL back-end which gives clients access to the application from any browsers and mobile devices
- Served as the main developer tasked in triaging, investigating and resolving bugs from 5 sprint cycles across 50 applications while utilizing debugging tools like Chrome Developer tools and Vue.js Dev Tools

Propulsion Technologies International

July 2018 – June 2020

Digital Technology Analyst

Miramar, FL

- Led the company's digital transformation by innovating digital factory concepts including machine connectivity, data visualization, data analysis, and removing data silos which reduced the time for managers and engineers to access and analyze data from 2 hours to 5 minutes using Power BI

SKILLS

Coding Languages : Solidity, Web3, Typescript, JavaScript (Vue.js, React.js, Next.js) , Java

Tools : Metamask, Hardhat, Moralis, IPFS, Fleek, Truffle, Mocha, Ethereum, GitHub, Chrome Developer Tools, Power BI

EDUCATION

Florida International University

Bachelor of Science in Computer Science

Miami, FL