




# Kent Miguel

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## EXPERIENCE

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### Full Stack Developer Solidity / Web3

July 2022 – Present

#### Decentralized Ranked Choice Voting System

- Created 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

#### 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

### Blockchain Security Researcher

July 2022 – Present

- Performed security reviews in order to find vulnerabilities in protocols participating in code4arena, sherlockdefi, and codehawks
- Utilized tools like foundry, hardhat, slither, etc. in order to write invariant tests and conduct manual code reviews on smart contracts

### Deloitte

Nov 2020 – June 2022

#### 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

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**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

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### Florida International University

*Bachelor of Science in Computer Science*

Miami, FL