




# Kent Miguel

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## EXPERIENCE

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### Full Stack Developer

July 2022 Present

#### Owemee - Expense Splitting App

- Developed a cross-platform expense-splitting app using React Native Expo with Tamagui for UI and Supabase for backend, enabling real-time updates and seamless user experience
- Implemented secure user authentication, efficient transaction tracking, and real-time synchronization; leveraged ChatGPT and Claude for development assistance and successfully submitted to the App Store

#### Decentralized Applications (dApps)

- Ranked Choice Voting System:
  - \* Engineered a Solidity-based smart contract incorporating Chainlink Automation for time-triggered election phase transitions, enhancing efficiency and transparency
  - \* Leveraged Remix IDE and Hardhat framework for comprehensive development, including writing and executing unit tests and election process simulation scripts
- Ethereum Marketplace:
  - \* Designed and implemented a Solidity smart contract enabling secure, Ethereum-based course purchases with seamless Metamask integration for transactions
  - \* Crafted a responsive front-end using Next.js and Tailwind CSS, integrating web3.js for blockchain interaction, and utilized Truffle, Ganache, and Mocha for robust testing and development
- Decentralized Lottery:
  - \* Developed a hybrid smart contract leveraging Chainlink VRF (Verifiable Random Function) for provably fair winner selection and Chainlink Keepers for automated lottery execution
  - \* Created an intuitive user interface with Next.js and Tailwind CSS, integrating web3.js for seamless blockchain interaction and smart contract calls

### 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, Javascript, Typescript (Vue.js, React.js, React Native Expo, Next.js) , Java

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

## EDUCATION

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### Florida International University

Bachelor of Science in Computer Science

Miami, FL