


J.T. Kazousky

Front End Engineer

 Harrison City, PA

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Summary

- Software Developer with 3+ years of experience in frontend engineering with specialization in Web3 applications.
- Adaptable to multiple disciplines including design, implementation, and troubleshooting.
- Respected for leveraging communication skills to work with cross-functional teams and develop solutions.
- Pivoted careers from traditional finance to frontend web development due to being passionate about the Web3 industry.

Work Experience

Iron Grid – Upstate, New York

July 2023 - Present

Fullstack Engineer - Next.js | TypeScript | Redux | Postgres | OAuth | Supabase | Vercel (CI/CD) | CSS

- Developed a web application using Next.js, TypeScript, Redux, and CSS, leveraging modern front-end technologies to create a responsive and user-friendly interface.
- Integrated OAuth-based user authentication into the web application, allowing users to securely log in using popular providers such as Google, ensuring seamless and convenient access to personalized features and data.
- Utilized Postgres and Supabase to design and implement a robust backend system, ensuring efficient data storage, retrieval, and management for the application.

JOYWORLD, Inc. – Lake Oswego, Oregon

June 2021 – Jan 2023

Lead Frontend Engineer - Next.js | TypeScript | Redux | Web3 | Solidity | Express.js | Deno.js | AWS | MongoDB | Ethereum

- Developed a user friendly Web3 Marketplace utilizing OpenSea API.
- Developed a fully functioning Web3 application with a frontend using Next.js and backend using Deno.js/AWS, and MongoDB.
- Integrated Web3 providers and wallets to facilitate user transactions on the Ethereum Network.
- Designed a testnet architecture using Rinkeby and Ethereum smart contracts to explore methods to purchase NFT's.
- Managed Git workflows for three developers using Jira to implement Agile development practices.

Upstate Interactive – Syracuse, New York

June 2021 – Aug 2021

Web3 Software Engineer - React | Redux | CSS | Web3 | Ethereum | API | GitHub

- Created a medium scale “mobile first” web app from scratch based on wireframe designs for user interface.
- Used WalletConnect and Web3.js to connect web apps with smart contracts to facilitate Ethereum Network transactions.
- Built a functional application serving as a Web3 NFT Marketplace using OpenSea's API to track auction prices and sales.
- Fetched, filtered, and visualized data from an external OpenSea API to communicate information on a web application where users buy, sell, and bid on NFT's.

PNC Bank – Pittsburgh, Pennsylvania

Dec 2018 – May 2021

Lead Loan Analyst

- Reviewed applications for personal, auto and home equity loans and calculated loan criteria per underwriting guidelines.
- Adapted workflows to procedural changes and federal regulations to maintain work efficiency during a corporate expansion.

Projects

Nolengrad Warriors - Full Stack NFT Project

Next.js | TypeScript | Redux | Node.js | Express.js | MongoDB | Solidity | Heroku | Stable Diffusion (AI)

- Utilized Chainlink's VRF Coordinator to generate random attributes for each warrior token, ensuring that no warrior could be sniped with specific attributes.
- Demonstrated expertise in full-stack web3 engineering by building a complex NFT project from the ground up.
- Promoted innovation by utilizing Chainlink's VRF Coordinator to generate random attributes for each warrior token.

TDI Productions - Front End + CMS Project

Next.js | TypeScript | CSS | CMS | GitHub | Vercel | CI/CD

- Successfully translated a Figma wireframe into a functional web app using Next.js, CSS, ContentfulCMS, and TypeScript, ensuring that the app accurately reflected the design and functionality specified in the wireframe.
- Designed and developed a high-quality landing page for TDI Productions, a video production team specializing in horror genres.
- Utilized version control systems such as Git to manage code changes, collaborate with team members, and track progress throughout the development lifecycle.

Education

University of Pittsburgh - Bachelor of Science

2018