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Skills

FRONT END

Next.js
TypeScript
JavaScript
Sass
React
React Native
Redux
Jquery
CSS3

BACK END

Node.js
Express.js
Solidity
MySQL
RESTful API Development
PostgreSQL
MongoDB

DEVELOPER TOOLS

Git
npm
Webpack
AWS
Babel
TDD
Figma

TESTING & DEVELOPMENT

Mocha
Chai
Artillery.io
Loader.io
Nginx

Licenses

Security Industry Essentials
· FINRA

Bloomberg Market Concepts
· Bloomberg LP

Series 57 (Security Trade License)
· FINRA

Experience

WebX DAO

Front-end Developer

<https://webxdao.github.io/>
Jan. 2022 to Current

An open-source community that focuses on web3 and decentralized blockchain applications.

- Upgrading WebX DAO landing page using Next.js and Tailwind CSS.
- Documenting steps to set up local development environments on README files.
- Awarded Polygon Pool Prize for building BlogStream web app at Road to Web3 Hackathon.

Self-Employed

Cryptocurrency Trader/Analyst

Los Angeles, CA
July 2020 to Nov. 2021

- Increased family funds from approx. \$135K to \$800K, for a return of over 450%.
- Researched and analyzed over 30 different Defi, NFT, and Layer 1 & 2 blockchain projects.
- Actively traded based on the on-chain data and technical analysis and took advantage of cross-exchange arbitrages.

Atomic Dev

Front-end Developer Intern - Remote

Los Angeles, CA
Apr. 2020 to Oct. 2020

- Developed a multi-page web no-code development platform utilizing React, HTML, and CSS.
- Converted jQuery code into Vanilla Javascript code and integrated it into the React platform.
- Constructed reusable React components and props for the front-end, ensuring required data was passed and displayed as needed via modern React APIs.
- Streamlined user workflow by creating various modals for tasks such as SQL schema creation and images and color selections.

Hack for LA

Full-Stack Developer Lead

www.luckyparking.org
Mar. 2020 to July 2020

- Led a group of software engineers to develop a web map platform integrating Mapbox GL JS.
- Collaborated with data scientists to build an interactive map platform that dynamically renders various processed information about parking spaces for the city of Los Angeles.
- Built back-end web architecture with Node.js, Express.js, and PostgreSQL.

T3 Trading LLC.

Equity Trader

New York, NY
Aug. 2018 to May 2019

- Traded stocks based on technical analysis as well as monitoring option activities.
- Evaluated equities and ETFs exposed to various assets such as commodities and bonds.
- Found long and short opportunities by calculating the target price using financial modeling.

Applications

Crypto Price Alarm · React Native | AsyncStorage | Background Fetch | Deep Linking

A mobile alarm app built with React Native that triggers an alarm when a crypto price hits a certain price.

- Stored alarm data persistently in the app utilizing AsyncStorage.
- Created background fetch tasks to periodically fetch price API in the background of the app.
- Utilized deep linking technique and navigation module to open the app when alarm triggered.

Home Away system design · Node.js | Express.js | PostgreSQL | Nginx | AWS

Seeded 30 million data points and optimized the database performance for heavy requests.

- Inserted indices to the primary id of the table to achieve query speeds less than **10ms**.
- Created AWS EC2 instances and used NGINX Load Balancer to horizontally scale the system.
- Performed stress testing on server and database and achieved over **4,000 RPS** with average latency less than **200ms** at a **0% error rate**.

Education

Hack Reactor

Advanced Software Engineering Immersive

2020

Northeastern University

Masters of Science in Finance

2017

Angelo State University

Bachelor of Business Administration in Accounting

2014