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Skills

FRONT END

JavaScript
TypeScript
CSS3
Sass
React
React Native
Redux
Jquery
HTML5

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

Professional Experience

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, as well as numerous Javascript libraries.
- 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 is 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.

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 through forecasting the target price by constructing financial modeling.

Open-Source & Activities

Vegas Tech Guild - www.meetup.com/vegas-tech-guild/

July 2021 to Current

Founder/Organizer

A tech community with over 50 tech talents to help non-profit organizations through technological means.

- Forming partnerships with local non-profit organizations.
- Hosting bi-weekly virtual meetup events and creating tech projects and services.

Hack for LA - www.luckyparking.info

Mar. 2020 to July 2020

Full-Stack Developer Lead

- 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.

Projects

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**.

TourView AR · React Native | Redux | Viro React | Xcode

Created an MVP mobile application that lets users create or experience 360 virtual spaces.

- Created bare React Native mobile app for both iOS and Android devices using Xcode.
- Utilized Viro React that allows users to create and experience 360-degree AR space.

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