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Skills

FRONT END

JavaScript (ES5 and ES6)
HTML5
CSS3
React
React Native
Redux
Jquery

BACK END

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

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.
- Made technology recommendations by staying up-to-date on new technological developments and practices and took the lead in implementing new tools.
- Collaborated with engineers to share ideas on improving applications and debugging codes.

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 · Founder/Organizer

July 2021 to Current

A tech meetup community in Las Vegas uniting tech talents to help local non-profit organizations through technological means.

Hack for LA - Lucky Parking · Full-Stack Developer Lead

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.

Projects

Crypto Price Alarm

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

- 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

Seeded 30 million unique data points into the database and designed and optimized the system 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

A mobile app that lets users create or experience 360 AR spaces.

- Created bare React Native mobile app for both iOS and Android devices using Xcode.
- Implemented picture taking and uploading functionality using the Image Picker library.
- Utilized Viro React that allows users to create and experience 360-degree AR spaces.

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