LUIS PEDRAZA

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EDUCATION

The University of Texas at Austin   Bachelor of Arts, Philosophy   2013 - 2017
Minors in Computer Science and Government

TECHNICAL SKILLS

Tools: Typescript, React, Vue, GraphQL, Redux, Pinia, Jest, Express, Ruby on Rails, Docker, AWS, Heroku, Digital Ocean, Git, Python, Django, Pandas, R

Skills: Full Stack Development, Testing, DevOps, Microservices, Web Design, Data Analysis, Data Scraping, Scripting

EXPERIENCE

Maisha Meds - *Senior Software Engineer*   September 2022 - Present

- Built multiple web apps from scratch using Typescript, Vue, and Pinia with an existing Ruby on Rails backend; primarily worked on an app that provided and visualized inventory data to our customers
- Designed data schema, SQL queries, and API endpoints to serve large amounts of inventory data
- Collaborated with the senior team on quarterly and annual Objective and Key Results

Ameelio - *Software Engineer*   January 2021 - February 2022

- Designed and built an Express/GraphQL/TypeORM/Jest API for scheduling, approving, and hosting video calls
- Engineered a synchronization system to move user accounts and permissions from external sources into the Ameelio database
- Overhauled both of our frontend clients to use GraphQL instead of REST and Apollo Cache instead of Redux, while simultaneously adding new features weekly

Nearpod - *Software Engineer*   May 2019 - August 2020

- Worked with Typescript (React and NestJS) in a distributed micro-services environment to help build a new slide-based, interactive learning app
- Developed the backend functions and frontend feature for a customizable marketing banner on our Django/React app

Data Drum - *Lead Developer*   June 2018 - May 2019

- Designed and built an API in Express that served Data Drum's economic and social data to clients
- Developed a data scraping system in Python that continuously scraped data from over 100 diverse sources
- Built a mobile frontend app that served our data visually using React Native and Typescript

VOLUNTEER WORK

Triangle - *Data Scraping*   December 2020 - February 2021

- Wrote an automated script that scraped data from Lebanon's commercial registry website and added it to a database hosted on Heroku
- Wrote a script that crawled the Facebook pages of multiple Syrian news outlets and added the content into a Google sheet used for gender analysis in the post-war Syrian media