

Professional Summary

I am a software engineer with a **creative** curiosity that enables me to dissect problems from many unique perspectives. As an engineer, I focus on building **intuitive** and **scalable** apps with a keen eye for **usability**. As an employee, I am always asking questions and trying to make processes more **efficient**. I value **collaborative** action and **integrity** in every aspect of the workplace.

Experience

Software Engineering Immersive @ General Assembly

New York, NY (Remote) | 07/2021 - 10/2021

- Built a variety of full stack applications using modern frameworks like React, MongoDB, and Django REST Framework individually, in pairs, and in small groups utilizing the Agile development process.
- Designed, developed, tested, and debugged projects that I built as well ideas from my colleagues.
- Utilized the Scrum method for software development through daily stand-ups and the GitHub projects board.

Production Team Lead @ Fallen Oak Mycology

Austin, TX | 05/2019 - 03/2020

- Designed production schedules and organized data for a grow system that had at minimum 20 crops in rotation at one time.
- Managed and educated contract workers and volunteers on our growing process and reported daily progress and updates directly to the COO and CEO.
- Wore many hats in this start-up environment and kept up with production needs as well as data analysis.

Skills

- Development with **modern frameworks**
- **RESTful API design** and **Integration**
- Strong **statistical** and **analytic** skills
- Understanding of the need for **scalable** code
- **Querying** through **relational databases**
- **Effective written** and **oral skills**
- **Clean** and **easily maintainable** codebases
- **Collaborative development**
- **Version control** using **Git**

Development Projects

DataCollective

- A full stack application using React and Django REST Framework geared towards data collection, analysis, and visualization.
- Developed 6 back end models and 20 views that handled a large majority of the data filtering to create a scalable front end interface

Feedback Loop

- Collaborative project working with a Scrum master through an iterative design process.
- Full stack application utilizing the non-relational nature of the MERN Stack
- Extensive use of React's `useEffect` and `useContext` to create a smooth user interface

PaperTrail

- Front end project utilizing two different civic data APIs
- Wrote an algorithm to collect running totals of occurrences of particular campaign contributors and the amounts contributed from as many as 400 discrete contribution records per GET response

Education

B.S. Biology @ Texas State University

- Graduated *cum laude*
- Honors College Scholarship Recipient 2015