Matthew Roseman

mroseman95@gmail.com | Cleveland, OH 44113

Education

Case Western Reserve University
May 2017 | Cleveland, OH

BA in Computer Science
Minor in Mathematics

Skills

Languages
- Python (6yrs)
- Javascript ES6+ (6yrs)
- SQL (5yrs)
- Java (2yrs)
- HTML5
- CSS/Sass

Databases
- MySQL
- PostgreSQL
- MongoDB
- Elasticsearch
- Redis

Frontend Frameworks/Libraries
- React (2yrs)
- JQuery
- Bootstrap
- Selenium
- Webpack
- Babel

Backend Frameworks/Libraries
- Django (3yrs)
- Flask (2yrs)
- Express
- Node(2yrs)
- SQLAlchemy
- Scrapy
- Rabbitpy/Pika
- Heretrix (internet archive)

Infrastructure
- Docker (2yrs)
- Kubernetes (1yr)
- GCP (2yrs)
- Heroku
- Nginx

Tools
- Git
- Google Analytics
- Slack
- Jira

Other
- Web Scraping
- SEO
- Windows, Linux, & macOS

Personal Links

Personal Site: mroseman.com
Blog: mroseman.com/blog
Github: github.com/mattroseman
LInkedin:
linkedin.com/in/mathewroseman-63414010b

Experience

Hubspot | Backend Software Engineer
Remote
May 2021 – Present
· Day-to-day work involved working on apps for importing websites & blogs into HubSpot's CMS.
· Built code to extract forms off of a webpage in order to import into a customer's HubSpot CMS. This was an entirely new feature.
· Debugged and worked with a centralized web crawler that was built on top of Internet Archive's Heritrix crawler.
· Worked remotely in a strongly asynchronous work environment. Involved being communicative while taking ownership of the tasks assigned to me.

Find.Jobs | Full Stack Software Engineer
Cleveland, OH & Remote
May 2018 – April 2020
· Programmed both frontend and backend features for the Find.Jobs sites. This job board had tens of thousands of categorized sites all under the .jobs TLD.
· Built a Python Scrapy application to gather jobs posted on a wide variety of job boards. Built for quick implementation on sites with no similar structure. Also added Selenium middleware to handle sites with JS loaded job info.
· Refactored job importer to utilize a 3 step system with RabbitMQ queues in between. Includes importing job data of varying formats, transforming into identical Python structures, and inserting into Elasticsearch.
· Implemented a search filtering system allowing users to filter jobs by location, salary, category, and job type. Included writing complex Elasticsearch queries to handle these filters in a scalable fashion.

Keyfactor | Software Engineering Intern
Independence, OH | keyfactor.com
May 2015 – Aug 2015, May 2016 - Aug 2016
· Developed ASP.NET web app for companies with complex Certificate Authority architecture to manage certificates. Worked on features stretching across frontend, backend, and modifications to a large SQL database.