Will Meyers

full-stack dev • willmeye.rs • github.com/willmeyers

Professional Experience

Founder, *WillHelps.org*   Feb 2024 - *Present*
- Directed the creation of interactive graphics, designs and websites for nonprofits and NGOs.
- Currently securely host and manage static sites and make routine updates when requested.
- Provide consultations on design as well as on ways to reduce cost for web hosting and other services.

Software Developer, *OccamSec*   Apr 2021 - Dec 2023
- Core contributor to the development and design of internal and client-facing applications built for continuous penetration testing currently being used by multiple fortune-500 companies.
- Addressed regular feature requests and production bugs in existing Django Rest Framework API and React applications in an agile environment.
- Integrated and deployed third-party pentesting tools using AWS (Lambda, Fargate, ECS and Step Functions) into applications with Terraform and built functionality to connect those services with our backend.
- Replaced and established a new CD pipeline for API's TypeScript SDK which enhanced frontend development productivity as well as greatly reduced OpenAPI schema generation and NPM package publishing times.
- Implemented the team's UI components using Storybook, adhering to atomic design principles. This significantly improved the developer experience in frontend development.
- Utilized Sentry and Metabase for debugging performance issues on slow views, queries, and serializers.
- Key member in interview processes, onboarding, and mentoring new employees as well as introducing them to the company's core codebases.

Junior Software Developer, *RegAlytics.ai*   Aug 2020 - Oct 2021
- Worked independently on a project to build a Flask and Vue.js application for compliance regulation viewing.
- Built batch processing workflows with Celery to ingest datasets into application to replace manual ingestion jobs.
- Deployed production and demo builds used by clients and for client demos to showcase new functionality.

Undergrad. Research Assistant, *CUNY Advanced Science Research Center*   May 2019 - Aug 2019
- Worked over the summer researching correlations in NYC's 311 call behavior during significant weather events.
- Cleaned data, prepared Jupyter Notebooks, and plotted GIS datasets for PI and coworkers.

Personal Projects

Ahhhtrak | *Go, React (TypeScript), JavaScript, AWS Lambda, Redis*
- Simple service that finds the cheapest Amtrak tickets of any given list of days.

Band.dev (a current work in progress) | *Django, JavaScript*
- A minimalist blogging platform for independent musicians. Source code available on GitHub.

We Love Free Movies | *Next.js (TypeScript), Supabase, Python, yt-dlp*
- A fun, curated selection and archive of movies that people have released for free on YouTube.

Data Visualization | *Go, Python, Svelte (TypeScript), Observable Framework*
- USGS Groundwater Trends: Inspired by a NYTimes' article, I recreated a similar visualization showing groundwater level trends in the U.S.
- Global Sea Surface Temperature Anomalies: Create time lapses of daily sea surface temperature anomalies.

Education
- CUNY City College of New York – *B.A. in Pure Mathematics*   *2018-2020*
- CUNY Bronx Community College   *2016-2018*
- Achievements:
  Presented research on Bidegree Sequences of Directed Trees at YMC, Ohio State University, 2018.

Skills
- <u>Programming Languages:</u> Python, Go, TypeScript, JavaScript, SQL
- <u>Misc:</u> AWS, Terraform, Docker, CI/CD, OpenAPI Tools, PostgreSQL, Redis, Tailwind