Nathan Levy

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WORK EXPERIENCE

This is **not** a complete list of my work, but rather several relevant jobs showcasing the various technologies I have used and fields I have worked in.

Software Developer – Big Data Causality (December 2023 - Present)

Technologies used: Python, AWS

I am developing a platform for Homebuyer Help, which involves

- Developing cloud based data pipelines using Python and AWS
- Working with Data Scientists, ML Engineers, Application Developers & Data Engineers

Lead Developer – Homebuyer Help (August 2023 - Present)

Technologies used: Node.js, React, Typescript, MySQL, NGINX, AWS

I am developing a platform for Homebuyer Help, which involves

- Using Node.js, React and Typescript to develop a modern web app
- Deploying and hosting using Gitlab, AWS and NGINX
- Integrating technologies such as Auth0 and Twilio
- Creating and integrating a MySQL database and an Express Server

Software Engineer – Little Red Trucks (November 2022 – August 2023)

Technologies used: Python, Vue.js, Typescript, PostgreSQL, NGINX

I worked as a lead engineer on various projects including:

- Using Python, Vue.js and Typescript for the website and an app
- Maintaining CI/CD processes and hosting with Gitlab, AWS and NGINX
- Maintaining and extending the database using PostgreSQL

Full-Stack Engineer - Pearler (March 2021 – October 2021)

Technologies used: Node.js, React, Typescript, GraphQL, AWS

I worked within Pearler's engineering team to develop their website, working on things such as:

- Using Node.js, React and Typescript to develop their website
- Improving authentication and add more signup/login options
- Using GraphQL and PostgreSQL to work on their database
- Utilising Test Driven Development and participating in Code Reviews

Surveying App Developer - Red Group (November 2020 – August 2022)
Technologies used: C++, Bash, AWS
I developed a surveying app to process and transmit location data, working on:

- Network engineering to receive and transmit data via TCP & UDP connections
- Developing a custom protocol for surveying data, by filtering and transforming the incoming data
- Making the protocol highly customisable as the needs of Red Group changed