Jesse Kelly
Lead Full Stack Engineer

Github @jessekelly881   LinkedIn @jesse-kelly-5287a8199

Jesse@jessekelly.me
+1 614 398 0239

Professional Experience

Lead Full Stack Engineer

ProjectDiscovery.io   May 2021 - Jun 2023

- Acted as the technical lead and lead software architect for the web development team(approx. 4 engineers) as well as an advisor to other technical teams.
- Implemented highly reliable *CI/CD* pipelines using *Github Actions* and *Vercel*.
- Improved website and application reliability, security, and user experience company wide by leading the company to adopt *Typescript*, *Test Driven Development* techniques, and functional programming.
- Implemented several successful, and user impacting, applications using *Typescript*, *React*, *fp-ts*, *Effect-ts*, *Jest*, *Vitest* and *Google Cloud*.

Senior Full Stack Engineer

Glitzi (YC S21)   Sep 2020 - May 2021

Worked with Glitzi alongside 3 other engineers to launch a telemedicine platform targeting the Mexican market.

- Implemented security critical, HIPAA compliant, backend code in *Python*, *Django*, *Redis*, and *SQL* for handling sensitive patient medical data.
- Lead the development of the frontend of the application. Implemented user to user payments using *Stripe* as well as secure user to user file sharing and video calls.

Senior Full Stack Engineer

Reworth   May 2020 - Sep 2020

- Developed a full stack *React*, *Typescript*, *Python* and *Django* application for working with sensitive credit card transaction data.

Full Stack Engineer

Appuntos   Mar 2019 - May 2020

- Maintained legacy *Python* and *Django* backend.
- Maintained and improved an Android and iOS application built using *Angular*, *Capacitor*, and *Ionic* while adding new features, improving test coverage, and improving code quality.
- Developed new web applications and tools using *React*, *Redux*, *Node.js*, *Express*, and *MongoDB*

Education

The Ohio State University   Sep 2014 - Jun 2017

B.A. Mathematics

Courses

- Mathematical Statistics I,II: Learned advanced statistical methods including Confidence Intervals, Regression Analysis, and ANOVA Tests. Used the *R* programming language and *Matlab* for data analysis.