Jesse Kelly

LEAD FULL STACK ENGINEER

mail@jessekelly.me
+1 614 398 0239
https://jessekelly.me

Github @jessekelly881   **Linkedin** @jesse-kelly-5287a8199

English: Native   **Spanish:** Fluent(C1)

PROFESSIONAL EXPERIENCE

Language study in Spain
Career break   Jun 2023 - Jun 2024

- Moved to Barcelona Spain for a year of language study.
- Contributed to various open source projects including effect-ts

ProjectDiscovery.io
Lead Full Stack Engineer   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.

Glitzi (YC S21)
Senior Full-Stack Engineer   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.

Reworth
Senior Full Stack Engineer   May 2020 - Sep 2020

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

Appuntos
Full Stack Engineer   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
B.A. Mathematics   Sep 2014 - Jun 2017
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.

INTERESTS

SCUBA Diving
Travel