Jesse Kelly
LEAD FULL-STACK ENGINEER

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Lead Full-Stack software engineer with **8 years of experience** building applications in Typescript, and Python specializing in functional, test driven, software engineering techniques.

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SKILLS

FRONTEND   Typescript, Javascript, React, Angular, TailwindCSS, Stylex, Tauri, Cordova, Ionic, Capacitor, HTML5, CSS3, SASS

BACKEND   SQL, Python, Express, Nextjs, Redis, MongoDB, Django

DEVOPS   AWS, Google Cloud, Git, Docker, Kubernetes, Hasura, Vercel, Netlify

SYSTEMS   Linux, Bash, Make, AWK

MISC   Lisp, LaTeX

EXPERIENCE

Project Discovery
Senior Full-Stack Engineer   May 2021 - Apr 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.
- Improved website and application reliability, security, and user experience company wide by leading the company to adopt typescript(over pure js), test driven development techniques, and functional programming.
- Implemented several successful, and user impacting, applications using Typescript, Reactjs, fp-ts, effect-ts, Jest, and Google Cloud.

Glitzi
Senior Full-Stack Engineer   Oct 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*, 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.

Appuntos
Lead Full-Stack Engineer   Mar 2019 - Sep 2020

- Maintained legacy Django backend and Angular android/ios application while adding new features, improving test coverage, and improving code quality.
- Successfully lead a small team to develop new web applications built using React, Redux, MongoDB, and Express

EDUCATION

The Ohio State University   Aug 2014 - May 2017

Bachelors Mathematics

Courses

- Mathematical Statistics I,II
- Advanced Logical Theory (w/ Proof of Incompleteness Theorems)
- Calculus I, II, Multivariable Calculus , Differencial Equation, Dynamical Systems

LANGUAGES

ENGLISH: *Native*

SPANISH: *Fluent(C1)*

INTERESTS

SCUBA DIVING

TRAVEL