

Jesse Kelly

LEAD FULL-STACK ENGINEER

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<https://jessekelly.me>

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

Github [@jessekelly881](#) **Linkedin** [@jesse-kelly-5287a8199](#)

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 (Freelance)

Oct 2020 - May 2021

Worked with Glitzi as a freelancer along with 3 other engineers to launch a telemedicine platform based targeting the Mexican market.

- Worked with a team of 4 engineers to implement a security critical, HIPAA certified, application.
- 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 , Differential Equation, Dynamical Systems

LANGUAGES

ENGLISH: *Native*

SPANISH: *Fluent/C1*

INTERESTS

SCUBA DIVING

TRAVEL