

# 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.

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

## SKILLS

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

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

**DEVOPS**   Git, Docker, Hasura, Google Cloud, AWS, Netlify Lambda

**SYSTEMS**   Linux, Bash, Make, AWK

**MISC**   Emacs 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.

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### 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.

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### 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

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### The Ohio State University

Bachelors Mathematics

Aug 2014 - May 2017

#### Courses

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

## LANGUAGES

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ENGLISH: *Native*

SPANISH: *Fluent/C1*

## INTERESTS

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SCUBA DIVING : Open Water Diver

TRAVEL : Mexico, Guatemala, Colombia, Peru, Spain, France, Germany, Belgium, Czech Republic, Netherlands, Switzerland, Italy