

# Jesse Kelly

## LEAD FULL-STACK ENGINEER

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## PROFESSIONAL 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, React, 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

## SKILLS

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

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

**DEVOPS** Linux, AWS, Google Cloud, AWK, Docker, Kubernetes, Hasura, Vercel, Netlify, Git, Bash

## EDUCATION

**The Ohio State University**

B.A. Mathematics

Aug 2014 - May 2017

# INTERESTS

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SCUBA DIVING  
TRAVEL