

# Joseph Lovoi

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## Experience

**React Developer** | EOG Resources | July 2019 - Present

- Worked with a team of ~6 developers on a platform which helps Mud Engineers record and visualize tickets, increasing transparency between EOG and its vendors.
- Facilitated the management and payment of about \$40 Million worth of tickets in 2021.
- Developed a Kiosk application in React Native which allows drivers to submit tickets to our platform, which ended up recording about 95% of our platform's tickets in 2021.
- Developed duplicate detection system in Node.js to sift through tickets being received by multiple platforms and aggregate data for discovered matches. The reports generated by this system reportedly save up to 3 hours of daily work for Mud Engineers.

## Projects and Technologies

**STEV (Student-Teacher Eval. Visualization)**

- Worked with 2 friends to develop and host a means by which students can view aggregated results of professors' student evaluations across multiple semesters, instead of sifting through an unorganized collection of PDFs.
- Worked with web-crawler and OCR libraries to download and parse through thousands of pages of PDFs. All this data was then aggregated and cleaned up to be posted to an API, which was displayed by a React frontend.

**BoominLoud**

- Developed a discord bot which could receive a youtube url from the chat, download said video as an mp4, and play the audio for users sitting in a voice-chat room.

**Relevant Technologies**

- |              |         |                |
|--------------|---------|----------------|
| · Javascript | · React | · React Native |
| · Node.js    | · Redux | · Typescript   |

## Education

**University of Oklahoma – Norman, OK**

**Graduated: December, 2017**

**Bachelor of Business Administration - Majors: Finance, Entrepreneurship and Venture Mgmt.**

*Overall GPA: 3.83*

*Finance Major GPA: 4.00*

**Computer Science Related Coursework:**

*Discrete Mathematics*

*Data Structures*

*Algorithms*

*Operating Systems*

*Computer Organization*