

Joseph Lovoi

2312 W 30th Ave Denver, CO 80211 | 713-213-5174 | joelovoi@gmail.com

LinkedIn: www.linkedin.com/in/joelovoi

Experience

Software Engineer | Amazon | August 2022 - February 2024

- Worked as the lead Front End Engineer on an effort to migrate Amazon's Pharmacy pages from **Java Server Pages** to **React** with **Typescript**.
- Developed **Java** and **SQL** skills to create several API's in a **Spring** framework, by which a web application is able to send/receive product and customer data, as well as render federated widgets to enhance customer experience.
- Gained experience in the processes involved with creating, testing, releasing, and monitoring commercial grade software that is used by millions of customers.
- Mentored and helped develop the engineering skills of two interns as they ramped up on Amazon's tech stack and dove into their first experience building a web application.

Software Engineer | EOG Resources | July 2019 - July 2022

- Worked with a team of 6 engineers on a web-based platform which helps Mud Engineers record and visualize tickets, increasing transparency between EOG and its vendors.
- 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.
- Gained experience implementing **CI/CD**, enabling automatic deployments with **Docker**.

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. Data was cleaned up, and served via **GraphQL** to 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.

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