Joseph Lovoi

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Experience

Software Engineer | Amazon | August 2022 - February 2024

· Built the **Spring MVC** Application which fetches customer and product data from Amazon's data stores, and interacts with software from various teams across Amazon's Enterprise in order to adhere to security protocols, gather user interaction data, and render federated Micro-Frontends.

· Created the Controllers which compile the associated Models and Views with federated widgets, and serves Amazon Health's product detail pages via a **React** frontend, where it finally reaches millions of customers.

· Created the **REST APIs** which securely handles PHI-rich data as it is passed to and from Amazon, Omada Health, and the customer.

· Worked as the lead Front End Engineer on an effort to migrate Amazon's Pharmacy pages from **Java Server Pages** to **React** with **Typescript**.

· 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.

· 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*