Pessi Rappaport

prappaport@mitre.org | MII Profile | LinkedIn

Objective

Software Engineer with a quick grasp of new concepts and technologies. Focus in frontend web development and emphasis on UI design, with proficiency in React and Vue.js. Team player and creative problem solver with enthusiasm to learn and apply new skills. Holds Top Secret Clearance.

Skills & Abilities

LANGUAGES

- React, Vue.js, Python, Bash, JavaScript, TypeScript, HTML, CSS, SQL

TECHNOLOGY

- Git, Docker, CI, S3, EC2, Arduino, Plotly, tmux, jQuery, Jupyter Notebook, Cypress/Jest, Tailwind

COMMUNICATION

- NextUp Development Introduction to React: Delivered presentation on fundamentals of React to 50-60 early career professionals and provided a hands-on demonstration. Recording here. Slides here.
- L530 Demonstration to Senior Leadership: Demonstrated SCIIP web application capabilities to VP of Cyber Technologies and L530 Division Head.

Internal Experience

Hawk's Nest | JUNE 2023 – PRESENT

- Collaborated with Human Factors Engineers to translate mockups into a completely redesigned frontend, leading to a complete overhaul of the existing **UI**.
- Implemented the migration from legacy Jinja templates written in HTML to **Vue.js** to significantly enhancing the application's interactivity and maintainability.
- Orchestrated the design and implementation of a prototype frontend within a constrained time frame, ensuring seamless integration with **air-gapped systems**.

PADMI | JUNE 2023 – SEPT 2023

- Spearheaded the implementation of two pivotal features:
    - **Authentication** Integration: Designed and integrated robust authentication system across the entire web application, ensuring enhanced security and compliance with sponsor requirements.
    - **File Management** Module: Engineered a comprehensive import page allowing users to seamlessly import, edit metadata, delete, and upload files to their respective user accounts, resulting in streamlined file handling processes.
- Established a **Continuous Integration** (CI) pipeline and initiated essential testing procedures, bolstering the reliability and efficiency of the web application.
- Undertook diverse responsibilities including extensive bug fixes, contributing to the overall stability and functionality of the system.
- Acquired proficiency in **TypeScript** during the project, demonstrating rapid learning and adaptability.

[SUPPLY CHAIN INSIGHT INDUSTRY PLATFORM](#) **| JANUARY 2022 – May 2023**

- Created supply chain insight platform using **React** and Django to enable transparency between industry and vendors regarding risk and foreign influence.
- Improved **UX** by designing standardized branding across application.
- **Collaborated** with Human Factors team to design and implement upgraded user journeys and usability features.
- Led frontend testing of React web application using **Cypress** and **Jest.**
- **Mentored** two frontend engineers in React and in project area by introducing them to the codebase and guiding them through frontend development.
- Received **Catalyst** award for rapidly developing MVP while adapting to constantly changing requirements to obtain MNS leadership's approval for the current market-ready/release version.

GREEN SAGE | MARCH 2022 – SEPT 2023

[DIGITAL LENS](#) **| JUNE 2021- MARCH 2022**

External Experience

HIGH SCHOOL ENGLISH TEACHER | BAIS YAAKOV SCHOOL FOR GIRLS | 2020 - PRESENT

- Engage 20+ students by frequently upgrading lesson plans and learning approach.
- Maintain open and productive communication with teaching staff, administration, students, and parents.

Education

BACHELOR'S IN COMPUTER SCIENCE | 2021 | WITS

- Major: Computer Science
- Minor: Judaic Studies
- Studied abroad in Israel for two semesters, fluent in **Hebrew.**

Volunteer Experience

COSTUME MANAGER | 2022 – 2023 | BAIS YAAKOV PRODUCTION

- Worked with 28 students and producers to **design** costumes to best fit actor's needs and preferences while retaining historical accuracy.
- Purchased, organized, and inventoried $2,000 worth of materials to ensure reusability and **sustainability**.