Yousof Wakili

ywakilidev@gmail.com | San Francisco, CA | yousof.dev | linkedin.com/in/youseffect | github.com/ywakili18

EXPERIENCE

Lead Full Stack Engineer
01/2022 - Present

21st Century Partnership for STEM Education, Remote

- Proactively maintained, debugged, and added new features to the Encompass web application, employing a versatile tech stack including HTML, CSS, SaSS, Ember.js, React.js, Node.js, Express.js, MongoDB, Docker, Jenkins, GitHub Actions, and Jira.
- Introduced innovative state and API features, providing users with increased flexibility within the Encompass application. This initiative resulted in a notable 30% increase in the new user base.
- Spearheaded the migration of the Encompass web application from Ember v2 to the Ember v4. Conducted extensive refactoring of legacy Ember class components to modern Glimmer components, enhancing maintainability and leveraging the latest framework features.
- Successfully addressed console warnings and refactored codebase, resulting in a substantial improvement in loading times. Achieved a remarkable decrease in First Contentful Paint, performance by 52%.
- Assumed primary responsibilities as the lead developer, overseeing product management, and establishing effective communication channels with Encompass staff for feature implementation, bug fixes, and requirement gathering. Collaborated in the creation and supervision of wireframe designs proposed by Encompass staff members.
- Played a pivotal role in the introduction and implementation of Docker for the Encompass application, significantly improving deployment processes and automation, streamlining the overall development workflow.
- Led initiatives to enhance site accessibility and managed website styling and design, ensuring a polished and user-friendly interface.

Software Engineering Fellow
07/2021 - 10/2021

General Assembly, Remote

- Leveraged extensive training in software engineering, computer science, and full-stack web development to create numerous interactive web applications. Demonstrated proficiency in modern web technologies and best practices through hands-on project development.
- Designed and implemented a dynamic web page game application, focusing on engaging user interfaces and seamless user experiences. Applied advanced JavaScript techniques to ensure responsive gameplay across various devices.
- As a key member of a collaborative team, contributed to the development of a full-stack Single Page Application (SPA) resembling a popular social media platform. Spearheaded the back-end development by designing a RESTful API with Express.js and Node.js, integrated with PostgreSQL for data management. Employed React.js for the front-end to offer a reactive and user-friendly interface.

EDUCATION

Certificate Software Engineering
07/2021 - 10/2021

General Assembly, San Francisco, CA

Key courses: Data Structures and Algorithms
01/2014 - 06/2016

San Jose City College, San Jose, CA