Lincoln Her

lincolnher15@gmail.com   github linkedin portfolio

SKILLS

React, Redux, JavaScript, Python, HTML, PostgreSQL, SQL, Flask, Git, HTML, CSS, Node, Express, Heroku, Docker

PROJECTS

Wherevernote   Live Site | Github

A note-taking application that is inspired from evernote. (JavaScript, React.js, Redux, HTML5, CSS3, Sequelize, Express, Node.js)

- Utilized the react-modal library to create forms to make the code DRY.
- Utilized Redux architecture's unidirectional data flow with React for predictable state and reliable DOM rendering.
- Implemented react-quill library for smooth user experience in rich text editing.

Concord   Live Site | Github

An application inspired from discord which allows users to create servers and channels to chat with each other. (JavaScript, Python, Flask, React.js, Redux, HTML5, CSS3, SQLAlchemy, Websockets)

- Implemented socket.IO by utilizing flask and react to have the front-end message the back-end to update the chats which allowed two users to chat with each other in real time.
- Created custom SQLAchemy queries and reduced server load through making as dispatch to fetch all data upon logging in.
- Employed GitHub's version control system to effectively collaborate with 2 other team members, working with a modular approach separating features, increasing productivity output and workflow.

Esportsbrite   Live Site | Github

An e-sports themed clone of eventbrite, where users will be able to host local gaming tournaments and participate in local gaming tournaments. (JavaScript, React.js, Redux, HTML5, CSS3, Sequelize, Express, Node.js)

- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to access all events and make changes only to their own hosted events when logged in.
- Managed event hosting and registering CRUD through custom transactional database operations using sequelize and PostgreSQL.
- Incorporated custom client-side form validations to avoid unnecessary AJAX requests which improves performance

EXPERIENCE

Electronic Machine Assembler and Electronic Technician Assistant.

Daktronics, Redwood Falls, MN, Feb 2019 - July 2020

- Assisted the main technician with inspections, tests, and troubleshooting with printed circuit boards which increased the efficiency of the assembly line production by 40%.
- Assembled printed circuit boards, worked with soldering and performed maintenance on machines which resulted in $5000-10000 reductions in operating costs and overhead expenses by .

Injection Molding Operator

Intricon, Vadnais Heights, MN, Nov 2017 - Mar 2018

- Reduced number of errors from thoroughly inspecting parts from defects, resulting in hitting daily goals of 800-2000 parts a day.

Boxing Specialist and RTA/Oversized

Jonti-Craft, Wabasso, MN, June 2015 - Nov 2016

- Packaged 40-50 products such as tables, desks, chairs, and shelves daily, resulting in $20000 - $30000 in payments per day.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Fall 2021)

Minnesota State University @ Mankato - *Pursued Bachelor's - Computer Information Technology* (Spring 2015-Fall 2017)