

Lincoln Her

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

PROJECTS

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 SQLAlchemy 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)

- Leveraged Redux to optimize the information management of React components, resulting in DRY readable code and increasing scalability of a single page application
- 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

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.

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.

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- Summer 2022)

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