John Gardner

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SKILLS

React.js, Ruby on Rails, JavaScript, jQuery, Ruby, Redux, SQL, Git, HTML5, CSS3, AWS, S3

PROJECTS

Margatsni - React-Redux, Ruby on Rails, AWS -S3, CSS, HTML, Javascript, Postgres   Live Site | Github

Clone of instagram where users can post photos and leave comments, likes and follow other users
- Built React-Redux frontend with a Ruby on Rails backend to optimize instant rendering of picture posts, comments and likes.
- Optimized RESTful routes for both SQL and No-SQL databases, incorporating other cloud services like Amazon's S3 to limit database strain and allow for scalability.
- Implemented @keyframes and other CSS techniques to mimic instagram animations.
- Ensured the application's responsive use with varying screen sizes by implementing media queries with CSS3.

Garden-Swap - React-Redux, Express, MongoDB, Node.js, Javascript, AWS-S3   Live Site | Github

Online farmers market where users can post listings and trade/purchase organic produce from other users close to them.

- Led the backend team in ensuring that pictures attached to listings were saved in S3 in order to limit database strain.
- Implemented RESTful routes to maintain an organized project.
- Spearheaded frontend restructuring to significantly decrease backend requests to the database.

Elegant Weapon-Civilized Age - HTML5 , JavaScript , CSS3 , Webpack   Live Site | Github

A platform to build your own Lightsaber app
- Leveraged advanced CSS techniques to make beautiful lightsaber animations.
- Developed user-friendly interface using Vanilla Javascript- HTML DOM that allows users to easily customize their own, unique lightsaber.

EXPERIENCE

High School teacher, *American Leadership Academy*   Jul 2021 - Dec 2022
- Created brand new curriculum from scratch for brand new chemistry class.
- Led 160 students to achieving an 8% higher than average test score for end of semester testing compared to their grade.
- Organized and wrote reports for 30+ students who had special needs, and met those needs on a weekly, sometimes daily basis.

Mental Health Care Specialist, *Provo Canyon Behavioral Hospita*l   Jan 2020 - Jul 2021
- Ensured safety of 20+ patients at a time in a mental health crisis center with 0 lasting safety incidents.
- Taught coping skills to deal with the stress and anxiety of daily activities.
- Worked with at risk patients, most of whom having recently attempted suicide, to find purpose through discussion and group activities.

TALL App Content Specialist, *Provo Missionary Training Center*   Sep 2017 - Apr 2018
- Created and organized content for an innovative language learning program (Technology Assisted Language Learning) focused on learning through any native language (instead of English), producing a database of 30,000+ audio/text files for audio learning.
- Translated English phrases to Danish and enabled the software to create associations through universal grammatical attachments (such as adjective, verb, etc.) to each word.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Spring 2022)
   - Object oriented programming, test-driven development, Data Structures and Algorithms

Brigham Young University - Bachelor's of Science in Neuroscience (December 2020)   Cumulative GPA: **3.85**
   - Scientific method, Critical thinking, Passion for learning, Open-mindedness