

GRETCHEN NEUENHAUS

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PROFESSIONAL SUMMARY:

I'm a full-stack web developer focused on building functional and engaging SERN applications to enhance user experiences. Expressing my creativity through design and problem solving is a huge motivation for me. I find the Front End particularly enjoyable, especially UI/UX decisions, and where I feel I make the greatest contribution.

SKILLS AND INTERESTS:

Preferred Tech Stack- SQL, Sequelize, JavaScript, React, Node, Express, Bootstrap and Sass.

Intermediate skills in Photoshop, Lightroom, and Canva. Familiar with Google Ads and SEO.

Proficient at Spanish B1 Level and Intermediate in French reading and comprehension.

Away from my computer, you can find me playing ultimate frisbee, sailing, painting, traveling, or hammock hanging!

PROJECTS:

Full Stack Web Developer

Pardi-Gras - *Solution to organizing the chaos of the Mardi Gras season*

- Created the app's core functionality by implementing MapBox-GL to develop the interactive Map feature, allowing users to create or view custom pins, access their location via Mapbox and browser geolocation, fetch walking directions and distances through Axios API calls, and visualize their friends' real time locations on the map using Socket.io
- Ensured a cohesive and responsive Web App, by spearheading UI/UX decisions, collaborating on app design with Figjam mockups and architecture setup, and executing mobile-first styling with Bootstrap/Sass
- Tested code in production by deploying through AWS with an EC2 Ubuntu instance, implementing an NGINX reverse proxy, connecting to a custom GoDaddy domain, and obtaining the SSL via Certbot
- Organized seamless multi-page experiences by integrating React Router for client-side routing, and streamlined navigation links using React's Use Navigation and Link To component

Take-A-Hike - *Plan an outdoor trip with trails and birds in your area and leave comments about the experience*

- Enhanced overall functionality of a legacy codebase by developing two full-stack features, employing CRUD operations tested with Postman on the backend, React Hooks, and Sequelize with SQL
- Achieved faster http response time by adjusting schemas and tables for 'comment' and 'likes' features, querying that data, and manipulating the results to send back to client side with all necessary information

Quiz Party - *Fun, competitive quiz app for testing trivia knowledge or custom created quiz sets*

- Created engaging game play with unique questions by retrieving trivia from an external API through an Express server to display changing quiz sets on a React with Hooks frontend with Axios http requests

PROFESSIONAL EXPERIENCE:

PLUSH APPEAL/ THE MARDI GRAS SPOT

Procurement and Production Specialist, Sep 2019 - Jul 2023

- Saved money, reduced errors, and optimized logistics for over 300 unique items by negotiating with vendors to determine everything from pricing, design, specs, quality, packing instructions, shipping details, etc.
- Minimized errors and typing mistakes during the year and the busy season by billing Sales Orders in SAP, and maintaining a backup billing excel sheet for management of client accounts of nearly 6 million dollars

EDUCATION:

WORKFORCE IMMERSION PROGRAM, Operation Spark, Jan 2024

IBC Fundamentals of Javascript Level 1, Functional Programming Level 2, and Web Development Level 3

MOORE SCHOOL OF BUSINESS, University of South Carolina, May 2018

Bachelor of Science, Business Administration - Majors: Economics and Marketing || Minor: French