NICOLAS HORTON

S o f t w a r e   E n g i n e e r

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TECHNICAL SKILLS

Python, JavaScript, Node.js, React, Express, PostgreSQL, Bootstrap, HTML, CSS, Git, GitHub, Firebase, MUI

PROJECTS

Initiative Finder   Nov 2023
https://initfindr.onrender.com/

- Developed Initiative Finder, an initiative tracker application for Pathfinder, as part of a dynamic four-person team.
- Played a key role in designing and implementing core functionalities, including unit creation/deletion, battle staging, and real-time tracking features, enhancing the gameplay experience for Pathfinder enthusiasts.
- Implemented Firebase to be the database for robust data management, retrieval, and real-time synchronization.
- Leveraged Firebase Authentication for secure user access.
- Collaborated to incorporate Material UI components and customized styling, achieving a cohesive and professional appearance while maintaining a focus on user accessibility and interaction.

Marauders Memoir   Oct 2023
https://maraudersmemoir.onrender.com/

- Built a search engine for Harry Potter characters and spells using external data APIs.
- Designed and integrated a Harry Potter Quote of the Day feature that leverages local storage.
- Combined modern web technologies, such as React and React Query, to deliver a seamless and user-friendly platform.

ShelfMate   Sep 2023
https://shelfmate-io.onrender.com/

- Built a Full-Stack inventory management system by utilizing JavaScript, CSS, and HTML.
- Integrated secure user authentication with bcrypt-encrypted passwords.
- Utilized PostgreSQL and Sequelize for robust database management.
- Employed session stores and cookies for seamless data persistence during user sessions.

WORK EXPERIENCE

Software Developer   Feb 2024 - current
Freelance | Pearland, TX

- Developing a website for a medical office to enhance their online presence and patient engagement.
- Collaborating with office staff to understand their requirements and implement features accordingly.

Member Experience Sales Associate   Jun 2021 - Jan 2024
Orangetheory Fitness | Friendswood, TX

- Engaged with over 400 members by resolving technical issues and providing exceptional service.
- Collaborated with the team to ensure business procedures were done efficiently.

EDUCATION

Certificate in Full-stack Software Development   Nov 2023
DigitalCrafts

BBA, Management Information Systems   Dec 2021
University of Houston
Magna Cum Laude