Erin Foley

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SUMMARY

I am a passionate full stack web developer who transitioned from teaching middle school coding, bringing a unique blend of creativity, problem-solving, and a love for learning to the tech world. With a strong foundation in modern coding frameworks, I thrive on building dynamic and responsive applications that make a meaningful impact. I'm driven by a commitment to continuous growth, collaboration, and leveraging technology to solve real-world problems.

TECHNICAL SKILLS

Technical Languages: JavaScript, TypeScript, SQL, NoSQL, HTML, CSS, Python, Java
Applications: PostgresQL, MongoDB, Node.js, Express.js, React.js, Sequelize, Mongoose, Inquirer.js

PROJECTS

FIT Happens | https://github.com/erindagfoley/FIT-Happens | https://fit-happens.onrender.com/

- A dynamic fitness application designed to streamline your workout planning and tracking by searching a comprehensive library of exercises and saving workout routines to a personal calendar
- Authenticated user data using JWT web tokens to allow for secure access to content
- Utilizes GraphQL to access information from the API Ninjas Exercises API, allowing users to search exercises by exercise type, target muscles, equipment, and difficulty level
- Implements MongoDB to store user data in multiple formats, including a one-to-many relationship between users and workout routines and a many-to-many relationship with exercises and workouts
- *Core responsibilities: Designed login and signup pages through the use of React/TypeScript, implemented JWT web token authentication, and utilized React Bootstrap to style user calendar component*
- *Tech Stack: MongoDB, React, GraphQL, Node.js, Express.js, Bootstrap, and ESLint GitHub Action*

PantryPal | https://github.com/erindagfoley/PantryPal | https://pantrypal-otuv.onrender.com/

- An application that allows users to search for recipes using multiple search queries, such as dietary restrictions, cuisine, and main ingredients
- Implemented the use of the Spoonacular API, fetching data for users to view recipes, nutrition facts, and listed ingredients
- Authenticated user data using JWT web tokens to allow for secure access to content
- *Core responsibilities: Set up API data call, managed data retrieval, integrated API responses, tested API functionality*
- *Tech Stack: Node.js, Express.js, PostgreSQL, React, TypeScript, Bootstrap*

VoyageOne/Monson Meadows Lodge | https://github.com/erindagfoley/Monson-Meadows-Lodge | https://wick000.github.io/Monson-Meadows-Lodge/

- An application that compiles information about a short-term rental property, including local amenities, embedded Google Map, and links to book the property and nearby activities
- Fetches weather data for the rental property location in real time through the use of the OpenWeatherMap API
- *Core responsibilities: Use of Bootstrap to create a polished UI for users, including activity cards and navbars, implementing HTML to include information about the property and related links*
- *Tech Stack: Node.js, JavaScript, HTML, CSS, Bootstrap*

Kanban Board | https://github.com/erindagfoley/kanban-board | https://kanban-board-rz0w.onrender.com

- An application with a secure login page that authenticates users using JWT web tokens and allows users to securely access and manage work tasks
- End users are able to create new work tickets and categorize tickets into the categories of *todo, in progress*, or *done*
- *Core responsibilities: Added authentication with JWT to the server API, assisted in the completion of a polished UI for end users*
- *Tech Stack: React, TypeScript, PostgreSQL, Express.js, React, Node.js*

EXPERIENCE

Hanover Public Schools, **Grade 6 Science Teacher**
2022 - 2024
- Developed and implemented a dynamic science curriculum aligned with Massachusetts Science and Technology/Engineering standards and Next Generation Science Standards
- Integrated technology and digital resources into lessons to enhance learning and engagement
- Special Education Parent Advisory Committee award, 2021 and 2024

Hanover Public Schools, **Digital Literacy Specialist, Grades 5-8**
2015 - 2022
- Instructed students in grades 5-8 in HTML, CSS, and basic JavaScript in a multi-tiered engaging learning environment that fostered collaboration and project-based problem solving
- Provided ongoing training to teaching staff in technology integration, including Google Workspace for Education, video production, VR/AR, and online assessment tools
- Continuously developed and refined digital literacy curricula using Massachusetts Digital Literacy and Computer Science (DLCS) standards

EDUCATION

University of Florida
Full Stack Web Developer Certificate
An intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, Python, Bootstrap, Node.js, MySQL, MongoDB, Express, and ReactJS

Quinnipiac University
Master • Elementary Education
Grade point average 3.97/4.00
Graduated with distinction

Roger Williams University
Bachelor • Science
Grade point average 3.80/4.00
Graduated Summa cum Laude

LICENSES & CERTIFICATIONS

Google Certified Trainer • *Issued Jun 2018*