

Erin Foley

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github.com/erindagfoley

erindagfoley.netlify.app/

SUMMARY

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. Strong foundation in modern coding frameworks. Thrives on building dynamic and responsive applications that make a meaningful impact. 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

TECHNICAL 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

EXPERIENCE

Freelance Course Instructor

2019-present

- Developing instructional content and leading Massachusetts professional development point (PDP) approved workshops for educators in the area of technology integration, digital literacy, and computer science.
- Collaborating with Massachusetts nonprofit and special interest groups such as MassCUE and the Massachusetts Teachers Association (MTA) to plan and present PDP-approved content for major events such as the MassCUE Fall Conference and the MTA Summer Conference.
- Staying abreast of new developments in educational technology integration to provide current, relevant instruction to those currently working in the education field.

Hanover Public Schools, Grade 6 Science Teacher

2022 - 2025

- 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 Central Florida Continuing Education

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

Grade point average 4.00/4.00

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

Full Stack Web Development Program Certificate, University of Central Florida Continuing Education • Issued 2025

Massachusetts Educator License, Digital Literacy/Computer Science, Instructional Technology • Issued 2024

Google Certified Trainer • Issued 2018