Connor L. Dailey

Mount Vernon, Ohio
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Portfolio: https://connor-dailey-portfolio.onrender.com

Full-Stack Web Developer with a Bachelor's in Mathematics and a certificate in Full Stack Web Development from The Ohio State University. Skilled in HTML, CSS, JavaScript, React, Node.js, and TypeScript to build user-friendly, scalable solutions. Adept at analytical problem-solving, collaboration in Agile environments, and delivering impactful results. Committed to continuous learning and ready to contribute to high-quality applications that drive business success.

Technical Skills

HTML5, CSS3, JavaScript ES6+, TypeScript, Bootstrap, React, Node.js, Express, APIs, PostgreSQL, Git, GitHub, Vite, NoSQL

Projects

Culinary Compass | https://github.com/Connorldailey/Culinary-Compass | https://culinary-compass-8j0q.onrender.com/

Full-stack recipe application designed to streamline meal planning with features like recipe discovery, AI-powered assistance, and personalized recipe management.

- Spearheaded frontend development, creating a dynamic, responsive user interface using React, TypeScript, and Vite.
- Designed and implemented a secure PostgreSQL database with Sequelize, efficiently managing user data and recipe information.
- Developed RESTful APIs with Express and JWT-based authentication, ensuring secure and seamless user session handling.
- Coordinated deployment on Render, ensuring seamless operation and accessibility across platforms.

Social Network API | https://github.com/Connorldailey/Social-Network-API.git

Backend API for a social networking platform, designed to support scalable user interactions and efficient data management.

- Designed MongoDB schemas to optimize data relationships between users, posts, and reactions, enabling efficient queries and seamless data handling.
- Implemented CRUD operations for users, posts, and reactions, ensuring dynamic and reliable data functionality across the platform.
- Integrated Mongoose to enforce schema validation and maintain data consistency in a high-traffic environment.

Employee Tracker CLI Application | https://github.com/Connorldailey/Employee-Tracker.git

Command-line interface (CLI) application designed to streamline employee database management for small to medium-sized businesses.

- Built a CLI using TypeScript and Node.js to manage employees, roles, and departments in a PostgreSQL database.
- Automated data entry and queries with Inquirer prompts, reducing manual processes.

Experience

Mount Vernon City Engineering Department   **Mount Vernon, Ohio**

Data Analysis Intern   February 2023 - Present

- Analyze and digitize datasets for utility management, streamlining city planning processes using data analysis tools.
- Automate reporting processes using VBA in Excel, reducing manual data entry time and enhancing data accuracy across departments.
- Integrate multiple datasets into a centralized GIS system, improving data accessibility for city planners and streamlining workflows for engineering teams.
- Develop and maintain GIS-based maps for tracking utility line damages, collaborating with contractors to prioritize repairs and ensure timely maintenance.
- Lead a team of interns in data collection for the EPA lead service line inventory compliance project, delivering a comprehensive report ahead of schedule.

Kenyon College Center for Global Engagement   **Gambier, Ohio**

Curriculum Matching Intern   May 2022 - August 2022

- Conducted research on course transfer databases across peer institutions, identifying best practices and evaluating system functionality for improved course credit transferability.
- Presented detailed database recommendations to the Kenyon Registrar and Center for Global Engagement, enabling informed decision-making on platform adoption and enhancing the efficiency of transfer credit processing.
- Compiled and organized a database to track course transferability for study abroad programs, streamlining the process for students and administrators, and improving accessibility to key academic information.

Education

The Ohio State University   **Columbus, Ohio**

Certificate, Full-Stack Web Development Bootcamp   Expected Completion February 2025

- An intensive program aimed at building strong technical programming expertise in HTML5, CSS3, JavaScript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handelbars.js, and React.js.
- Developed projects involving web application design, database integration, and real-world API usage.

Kenyon College   **Gambier, Ohio**

Bachelor of Art in Math and Concentration in Computer Science   Graduate May 2024

- GPA: 3.61
- Relevant Coursework: Introduction to Computer Science, Data Structures and Program Design, Software and System Design, Data Analysis, Senior Seminar in Scientific Computing

Mount Vernon High School   **Mount Vernon, Ohio**

High School Diploma   Graduate May 2020

- GPA: 4.0
- Member of National Honors Society