

Connor L. Dailey

Mount Vernon, Ohio

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Full-stack web developer with a passion for building innovative, scalable web applications and software platforms. Equipped with a strong background in mathematics and a certificate in Full Stack Web Development from The Ohio State University Coding Bootcamp. Skilled in creating dynamic, user-friendly frontends using HTML, CSS, and JavaScript, and experienced in building robust backend systems with Node.js and PostgreSQL. Adept at leveraging technical expertise to solve complex problems and develop efficient, maintainable code. Known for analytical precision, adaptability in Agile environments, and a proactive approach to learning emerging technologies. Committed to delivering impactful, user-centric solutions that drive business success.

Technical Skills

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

Projects

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

Built a command-line interface application for managing a company's employee database using Node.js, TypeScript, and PostgreSQL.

- Designed a PostgreSQL database to handle data relationships for departments, roles, and employees.
- Automated data entry processes with interactive CLI prompts using Inquirer.
- Utilized modular TypeScript architecture for maintainability and future scalability.

Weather Dashboard Application | <https://github.com/Connorldailey/Weather-Dashboard.git> | <https://weather-dashboard-tfad.onrender.com>

Developed a full-stack weather dashboard using Node.js, TypeScript, and the OpenWeather API to provide real-time weather data and forecasts.

- Integrated OpenWeather API to fetch real-time weather data and 5-day forecasts, enhancing data accessibility.
- Developed a responsive UI with HTML, CSS, and JavaScript, ensuring seamless usability and access across devices.
- Implemented local storage to manage search history, enabling users to quickly revisit previous searches.
- Followed RESTful design patterns to optimize API requests and data retrieval, improving performance.

Full-Stack Web Developer Portfolio | <https://github.com/Connorldailey/React-Portfolio.git> | <https://connorldailey-devportfolio.netlify.app/>

Built a responsive and dynamic personal portfolio using React, Vite, and React Router to showcase web development projects and skills.

- Created a modular React component architecture to enhance code reuse and performance.
- Integrated React Router for dynamic navigation, delivering a smooth user experience.
- Utilized Bootstrap for responsive layout design, ensuring mobile compatibility and accessibility.
- Deployed animations and custom CSS to create an engaging user interface, reflecting modern design principles.

Experience

Mount Vernon City Engineering Department

Mount Vernon, Ohio

Data Analysis Intern

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

2019-2020

- 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