David Graham

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Full-Stack Developer | [Portfolio](#)

Detail-oriented and self-motivated web developer currently serving as Website Specialist at Blue Ridge Community College. Brings a diverse background in conservation, arboriculture, and automotive technology with a strong foundation in front-end and back-end development, UI design, and responsive web architecture. Skilled in creating accessible, efficient, and user-focused digital solutions that enhance functionality and solve real-world challenges.

Professional Experience

<u>Website Specialist/ Blue Ridge Community College</u>   •Asheville, NC   July 2025 – Present

- Improved overall **SiteImprove accessibility score from 77 to 86**, ensuring WCAG compliance and a more inclusive user experience.
- Boosted **Lighthouse performance scores by over 40%** through strategic optimization of assets, caching, compression, and code efficiency.
- Collaborated with IT, marketing, and leadership teams to **redesign and modernize high-traffic pages**.

<u>Service Department Technician / Industry Nine Componentry</u>   •Asheville, NC   January 2020 – August 2023

- **Designed new email template** for automated responses—significantly reducing time spent on repetitive customer emails.
- Handled customer accounts, **managed the service department email.**
- Progressively **took on greater responsibility**, advancing from hub assembly to wheel building, and then to customer service technician.

<u>Project Leader / Student Conservation Association</u>   •New Hampshire   April 2018 – November 2019

- **Supervised technical field work** by young adults on diverse trail projects, including stone staircases, bridges (native timber and dimensional lumber), timber retaining walls, and invasive species removal.
- **Provided training and oversight** for grip-hoist and chainsaw use.
- Work took place in backcountry settings, requiring a strong focus on safety and consistent crew supervision.

Projects

PEDAL PACT – Full Stack Application
Designed and developed a full-stack web application for organizing and joining group bike rides. Built with Next.js 15, React 19, Prisma, and Neon, the platform allows users to create, save, and view interactive bike routes using Google Maps API. Implemented role-based access, enabling public ride viewing, member ride sign-ups, and admin ride management.
Technologies: Next.js 15, React 19, TypeScript, Prisma, Neon, PostgreSQL, Google Maps API, Tailwind CSS

Modern E-Commerce – Full Stack Application
Designed and developed a full-stack e-commerce web application using Next.js 15, React 19, Prisma, and Neon. The platform features dynamic product listings, a streamlined checkout flow, and secure user authentication. Integrated role-based access to support customer browsing and admin product management.
Technologies: Next.js 15, React 19, TypeScript, Prisma, Neon, PostgreSQL, Google Maps API, Tailwind CSS

Education

Associate's degree in software & Web Development | Asheville-Buncombe Technical Community College

- Academic Achievement Award recipient 2023-2024 school year • Nomination to the National Society of Leadership and Success • 3.9 GPA

Skills

Exceptional Communicator | Project Management | Team Collaborator | Critical Thinker | Tailwind CSS
Next.js | React | JavaScript | PHP | MySQL | HTML5 | CSS3