Trisha Capitle

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TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript
Frameworks & Libraries: React, Next.js, Electron, Tailwind CSS, GSAP
Tools & Platforms: Vite, Git, GitHub, Figma, Lighthouse

WORK EXPERIENCE

Front-End Developer (Full-Stack Experience)   March 2024 - Present
Independent Contractor

- Delivered 6+ responsive web applications using React, Next.js, and Tailwind CSS, focusing on accessibility, cross-browser support, and mobile-first design.
- Transformed Figma designs into pixel-perfect interfaces with reusable component libraries, reducing future development time by 30%.
- Optimized web performance using Lighthouse audits, raising scores in performance, accessibility, and best practices across multiple projects.
- Integrated REST APIs and real-time data streams, including GPS parsing, geofencing, and interactive map rendering with MapLibre GL and Turf.js.
- Built scalable Node.js back-end services and implemented Electron-based desktop apps when required, ensuring smooth full-stack delivery.
- Managed client relationships end-to-end, from requirements gathering to deployment, with 100% on-time delivery and consistent 4.9/5 client satisfaction ratings.

PROJECTS

Digital Tour Guide System for an Electric Vehicle Prototype | GitHub
Electron, React, Tailwind CSS, Vite, Node.js, MapLibre GL, Turf.js, SerialPort

- Designed UI in Figma and implemented a responsive React component library with custom elements for rapid iteration.
- Built a dual-screen interface with synchronized driver and passenger displays, improving usability and passenger experience.
- Integrated real-time GPS parsing and geofencing to trigger location-based slideshows and narrations, increasing engagement.

Shop.co | GitHub | Live
React, Tailwind CSS, Vite

- Converted a high-fidelity Figma design into a fully responsive e-commerce website.
- Implemented mobile-first workflow, accessible navigation, and flexible layout systems to ensure seamless UX across all devices.

Portfolio | GitHub | Live
Next.js, Tailwind CSS, GSAP

- Designed and built a minimalist personal portfolio site with GSAP animations showcasing skills and projects.
- Created a modular, reusable component system to streamline scalability for future updates.

EDUCATION

University of Luzon   Aug 2020 - May 2024
Bachelor of Science in Information Technology   *Dagupan City, Pangasinan*