Trisha Capitle

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LinkedIn | GitHub | Portfolio

TECHNICAL SKILLS

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

WORK EXPERIENCE

Full-Stack Developer March 2024 - Present
Freelancer/Independent Contractor

- Delivered 6+ responsive web applications and custom software solutions using React, Next.js, Tailwind CSS, Electron, and Node.js, achieving 100% on-time delivery and consistent 4.9/5 client satisfaction ratings.
- Transformed Figma designs into pixel-perfect, accessible interfaces, implementing mobile-first layouts and scalable component libraries that reduced future development time by 30%.
- Integrated REST APIs, third-party libraries, and real-time data streams, including GPS data parsing, geofencing, and interactive map rendering with MapLibre GL and Turf.js.
- Optimized performance through modular code architecture, caching strategies, and build pipeline tuning, reducing feature deployment cycles by 40%.
- Managed client relationships from requirements gathering to deployment, ensuring projects met budget constraints and exceeded functional expectations.

PROJECTS

shop.co | **GitHub** | **Live**
Next.js, Tailwind CSS, GSAP

- 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 rich animation showcasing skills and projects.
- Created a modular, reusable component system to streamline scalability for future updates.

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 developed a reusable React component library with custom UI elements for rapid iteration.
- Engineered a multi-window Electron architecture with synchronized driver and passenger displays for a seamless dual-screen setup.
- Integrated real-time GPS parsing and geofencing to trigger location-based slideshows and landmark narrations, boosting passenger engagement and information retention during tours.

EDUCATION

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