Front-End Developer

# MICHAEL G. CERVONE

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## Education

**JURIS DOCTORATE (JD)** – Appalachian School of Law (ASL) – Grundy, Va            2011-2014

**BACHELOR OF SCIENCE IN SPEA - LEGAL STUDIES** – Indiana University – Bloomington, IN            2007-2011
Majors: School of Public and Environmental Affairs (SPEA) with concentration in Legal Studies

## Skills

**HTML5**

**CSS3**
Frameworks: **Tailwind**, Chakra, Mui, Bootstrap, Ant

**JavaScript**

**TypeScript**

**React**
Libraries: React-Router, Framer-Motion, React Hook Form, State Management
Frameworks: Next.js v13, Vanilla React w/Vite.
Tools: Prettier, Es-Lint, VsCode, Typescript, and Git/Github.

**Puppeteer**
Web-scraping

**Next.js**
Libraries: Content-layer Mdx

**Prisma**

**Git/Github**

**Some Familiarity with:**
Mongodb, Firebase, Railway, Supabase, and PlanetScale.

## Projects

**OUR PLANET EARTH**            2022-Present

- Utilized **Next.js** for a responsive blog website with 100% lighthouse accessibility, SEO, and best practices.
- Implemented a system to transform markdown files into static web pages during the build process, increasing performance.
- Streamlined blog page design with a utility-first approach using **Tailwind CSS** resulting in a reduction in code complexity.
- Executed a robust category and search system by leveraging the front matter of markdown files.
- Programmed and designed the website, overseeing multiple significant refactoring efforts.

**PCBOI**            2023-Present

- Created with **Next.js**, a responsive gaming information website with 100% lighthouse accessibility, SEO, and best practices.
- Worked with **Tailwind**, **Tailwind-Animate**, and **Tailwind-Typography**. Increased productivity with a utility-first approach.
- Employed **MongoDB** in conjunction with **Prisma** to manage my game catalog database with over **26,000** games.
- Constructed an information scraper with **Puppeteer** for websites with no API. Also used multiple third-party APIs.
- Revamped the website's structure through extensive refactoring from the original design.

**AIRBNB CLONE**            2023-Present

- Developed a highly responsive community listing website using **Next.js**, ensuring 100% lighthouse accessibility, SEO, and industry best practices.
- Constructed a register and login functionality with **NextAuth** and ensured password security through hashing with **Bcrypt**.
- Used **Tailwind CSS** for the website. In addition, used **React-Icons**, **React-Spinners**, **Date-fns**, **Toast**, and **Leaflet**.
- Utilized **Zustand** as state management for opening and closing modals throughout the project.

## Work Experience

**OPERATIONS MANAGER – BEST BUY**            2018 - 2022

- Supervised the day-to-day daily tasks of operations throughout the store.
- Managed a diverse team with unloading and loading trucks, which resulted in an average **utilization rate of over 100%**.
- Hired, trained, and set the team culture within the warehouse, resulting in being **awarded Top 100** in the company.