

DONOVAN HEYNEN

Full Stack Web Developer | Front-End Specialist

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SUMMARY

Front-end and full stack web developer with a strong foundation in HTML5, CSS3, JavaScript (ES6+), and React.js, leveraging modern UI/UX principles to build responsive, accessible, and high-performance applications. Transitioning from an automotive engineering background with strong analytical and problem-solving skills. Proficient in Node.js, Express.js, MongoDB, RESTful APIs, and JWT authentication, with experience deploying applications to Cloudflare Pages and Render. Committed to continuous learning, agile development practices, and delivering scalable, production-ready web applications.

EDUCATION & CERTIFICATIONS

B.S. Computer Science | Grand Valley State University – Allendale, MI (2022)

- Minors: Computer Engineering & Mathematics

Front-End Developer Certificate (Coursera - Meta) (2025)

- Completed a 9-course program covering HTML, CSS, JavaScript, React, Git, and UX/UI principles. Learned to build responsive, interactive websites through hands-on projects.

Professional React Developer Specialization (Coursera - Scrimba) (2025)

- Applied React fundamentals and advanced features in practical, real-world projects. Included coding challenges and interview prep to sharpen development and problem-solving skills.

PROJECTS

see [personal website](#) for more details and other web projects

Notes App (MERN Stack – MongoDB, Express.js, React.js, Node.js)

- Full-stack app with RESTful API architecture, JWT authentication, and email password recovery. Built a responsive React UI for desktop and mobile. Deployed via Cloudflare Pages (frontend) and Render (backend) demonstrating cloud hosting and DevOps workflow capabilities.

NBA Stats (React.js, JavaScript, CSS3)

- Interactive sports statistics app for exploring basketball stats, featuring dynamic search filtering, player/team comparisons, and individual detail pages.

PROFESSIONAL EXPERIENCE

SIL/HIL Automotive Engineer (Stellantis FCA)

Internship: May – August 2022

Full-Time: January 2023 – November 2024

Began as a Plant Model Engineer, creating logic and signal networks of vehicle models for pre-production virtualization testing of un-released Stellantis vehicles. Transitioned into a full-time role, automated key plant model processes, drastically decreasing time-consuming manual tasks and errors. Expanded responsibilities to include CI/CD pipeline management, overseeing high-priority builds and performing top-level debugging to ensure stability and timely releases.

SKILLS

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js, Cross-Browser Compatibility
- **Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, MongoDB, Mongoose
- **Tools & Workflow:** Git, NPM, Cloudflare Pages, Render, CI/CD, Agile/Scrum Development