

John St.Hilaire, Front-End Web Developer

johnmst978@gmail.com | johnmst.xyz

EMPLOYMENT HISTORY

Nov 2022 — Present	Front-End Web Developer, Pannos	Manchester, NH
	<ul style="list-style-type: none">Collaborated with a team of six developers to create enterprise-level websites for financial institutions and managed web services for over 50 clients.Developed highly customized WordPress solutions using PHP to meet specific client requirements.Built custom CMS functionalities and web pages in Kentico (.NET Framework) using C# and Razor.Led the migration of multiple websites from a legacy CMS to WordPress by developing custom PHP converters, utilizing web scraping, automating tasks through the WordPress API, and manipulating databases with SQL.Developed a method to embed site content into a Large Language Model (LLM) using Retrieval Augmented Generation (RAG), generating highly accurate and relevant user responses while adhering to financial institution regulations.Developed content for and led a webinar on Artificial Intelligence.Proposed, developed, and documented a custom Selenium-based web scraping library tailored to company sites, enhancing quality assurance, updates, porting, and other web services.Implemented automation techniques that reduced WordPress update times by 80%, while improving compatibility, quality assurance, and reporting.Authored a functional specification document for the website build process, serving as a client resource and facilitating communication between designers and developers to reduce development costs.Led the transition of the Web Design Department from Adobe XD to Figma, improving design collaboration and efficiency.Created reusable React components compatible across multiple platforms, reducing development costs.Conducted monthly accessibility and quality assurance evaluations and remediation for clients.Was responsible for completing client jobs with overlapping timelines, while managing longer term projects.Adhered to and helped improve deployment processes through Git by adding tests and better developing developer documentation.	
Dec 2021 — Jun 2022	Design Intern, 6K	North Andover, MA
	<ul style="list-style-type: none">Created graphics for social media, marketing collateral, datasheets, infographics, landing pages, email campaigns, and trade show booths.Helped a growing marketing department in a fast-moving startup develop web processes and templates.	

EDUCATION

Aug 2024 — Present	M.S. - Computer Science, Georgia Institute of Technology
	<i>Database Systems Concepts and Design</i> (Fall 2024)
Jan 2015 — May 2021	BFA - Graphic Design, University of Massachusetts Lowell
	Pushed the department to teach more programming skills, did self directed research course on UX/UI Design
Oct 2023 — Mar 2024	Study for Credit, Southern New Hampshire University
	Courses took to prepare for graduate studies: <i>Introduction to Scripting, Discrete Mathematics, Foundations of Application Development, Programming Languages, Data Structures & Algorithms</i>

SKILLS

JavaScript / TypeScript	Java
Python	Git
CSS / SCSS	Amazon Web Services
HTML	Microsoft Azure
C#	OpenAI API
PHP	Figma
SQL	Adobe Creative Cloud