

Frontend-focused Software Engineer with full-stack experience, collaborating with clients and content authors to build scalable, user-friendly applications. Skilled at translating feedback into functional features and continuously expanding technical expertise. Willing to relocate.

## Professional Experience

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### **Junior Software Engineer**

June 2024 - Present

*Mean Guppy — Buffalo, NY*

- Build design systems with TypeScript and SASS modules, enabling consistent and maintainable frontend development for a Fortune 500 company.
- Enhance code reliability through comprehensive unit and component tests with Vitest and React Testing Library.
- Contribute to the redevelopment of a Fortune 500 website, integrating a Payload Content Management System (CMS) to optimize content author workflows.

### **Technology Intern**

June 2023 - August 2023

*M&T Bank — Buffalo, NY*

- Developed a TypeScript/React web application connecting women of color in Buffalo with financial advisors.
- Implemented Cypress end-to-end tests and YAML-based CI pipelines to ensure reliable, production-ready deployments.
- Participated in sprint planning, stand-ups, and retrospectives in a Scrum-based Agile team.
- Contributed to a research study comparing AI-generated and human code, maintaining weekly logs with findings.

### **Cashier/Sales Associate**

June 2021 - August 2022

*Stewart's Shops — Ballston Lake, NY*

- Worked on a team to prepare food, restock inventory, operate register, and maintain store cleanliness.

## Education

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### **Bachelor of Science: Computer Science**

August 2020 - May 2024

*University at Buffalo, State University of New York — Buffalo, NY | 3.4 GPA*

- Relevant Courses: Systems Programming, Applied Human Computer-Interaction and Interface Design, Distributed Systems, Algorithms and Complexity, Data Models and Query Languages, Intro to Machine Learning

### **High School Diploma**

September 2016 - June 2020

*Burnt Hills-Ballston Lake High School — Burnt Hills, NY*

## Skills

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**Programming Languages:** Java, Python, Go, Scala, JavaScript, TypeScript, SQL

**Tools & Platforms:** Docker, GitHub, GitLab, Cypress, Vitest, Postman, Jira, Figma, Asana, CMS, Zsh Shell Scripting, YAML, Cursor, GitHub Copilot, React, HTML, CSS, SCSS, Storybook

## Projects

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**Personal Website** — <https://wmarchant13.github.io/personal-website/>

December 2025 - January 2026

- Built a responsive, performance-optimized portfolio website using React, Next.js, Bun, TypeScript, and SCSS.
- Implemented a YAML CI pipeline for automated, semantically versioned releases and changelog updates.
- Leveraged AI tools such as Cursor and GitHub Copilot to accelerate development.

### **Database Project**

Spring 2024

- Designed and implemented a SQL database using PostgreSQL with publicly available datasets.
- Developed a database schema to solve a defined problem and wrote queries to manipulate and analyze the data.
- Delivered and presented formal findings to demonstrate project outcomes.

### **Group Web App Project**

Spring 2022

- Developed a full-stack web application with secure login, live chat, media sharing, and full user customization.
- Managed team workflow via GitHub and leveraged Python Flask, HTML, CSS, WebSockets, MongoDB Atlas, and Docker.

## Awards & Extracurriculars

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- University at Buffalo (SUNY) Dean's List 2021
- University at Buffalo (SUNY) NCAA Division I Cross Country, Indoor Track, and Outdoor Track team 2020 - 2024
- 8x MAC All-Academic Team for Cross Country, Indoor Track, and Outdoor Track 2021 - 2024
- Scholarships: Pride of New York Scholarship Recipient, Athletic Scholarship for Cross Country and Track