

Andrew Mueller

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Summary:

A versatile Senior Software Engineer and Tech Lead with 12+ years of experience specializing in scalable front-end architecture (React/NextJS) and full-stack API integration (Ruby-on-Rails, GraphQL). Proven success in leading major e-commerce transitions (B2B to B2C), implementing production-level AI automations (Ollama, video production workflows), and delivering award-winning products for both startups and Fortune 500 companies. Open to part-time contracts and full-time remote work.

Technical Skills:

Languages & Frameworks: ReactJS, NextJS, TypeScript, JavaScript, HTML, CSS, PHP, Ruby-on-Rails

Databases: MySQL, PostgreSQL, Vector DB, GraphQL

Tools & Platforms: Ollama, LMStudio, Shopify, n8n, Wordpress, CI

Experience:

Developer & Owner May 2012 - present

[Mueller Studio](#) - *Software & Product Development*

- Developed and implemented automations relating to AI categorization and summary including photographic processing workflows and automated video production
- Designed and developed a fully local, private, AI assistant using the latest open source models

Senior Software Engineer Apr 2022 - July 2024

[Bond Vet](#) - *Primary and Urgent Care for Pets (New York, NY)*

- Developed a new booking flow for appointments in which individual providers can be selected for any given appointment based on availability
- Improved Developer Experience (DX) and code reliability by leading the implementation of rigorous testing suites and new processes, boosting team efficiency by 15% and reducing deployment time.
- As tech lead for telehealth, built a new telehealth app that improved the customer experience by enabling quicker pet triage and facilitating secure document upload

Senior Front End Developer Oct 2017 - Mar 2022

[Tuft & Needle](#) - *A Serta Simmons Bedding Company (Phoenix, AZ)*

- Developed a new React-based checkout which was replicated across [serta.com](#) and [beautyrest.com](#), facilitating the transition from B2B to B2C for Serta Simmons
- As tech lead directed new product pages for the growing line of T&N softgoods with A/B testing in Google Optimize
- Provided technical mentorship, led key project management initiatives, and acted as Hiring Manager to successfully expand team capacity.

Interactive Developer Sept 2016 - Sept 2017

[36Creative](#) - *A Creative Agency (Salem, NH)*

- Created Award-winning sites utilizing existing code where possible
- Developed improvements to existing processes and mentored junior devs

Web Developer June 2015 - Sept 2016

[R.C. Brayshaw & Company](#) - *A print and integrated marketing company (Warner, NH)*

- Wrote custom web apps and sites for customers using Wordpress, JS, PHP, HTML, CSS
- Managed current portfolio of sites using Wordpress and Drupal
- Crafted email marketing campaigns with a strong ROI for our clients with HTML, CSS, and Mindfire
- Monitored and maintained analytics accounts, PPC and Email Marketing Accounts
- Wrote proposals to bring in new business including contracts worth more than \$40,000

CMS Support Bibliographer Oct 2013 - June 2015

[YBP Library Services](#) - A division of EBSCO (aka GOBI) acquired from Baker & Taylor

(Contoocook, NH)

- Wrote software in VBScript to help automate database queries increasing efficiency by 90% for my team using MySQL, MS Access and Oracle
- Won the Baker and Taylor President's Award in January 2015 for embodying the company ideals of 'Better, Smarter, and Faster' with my work in VBScript
- Wrote logical rules in a decision support program that made it possible for universities to automatically receive books in specialized areas using AS/400 and Power 7
- Secured opening day collections worth \$5 million for Qatar National Library

Education:

Providence College (Aug 2003 - May 2007) Bachelor of Arts, Major: Philosophy; Minor: Western Civ., Latin, Greek

Community Engagement:

- Developed volunteer software (2025) for Piscataquis Regional Food Bank to coordinate volunteers and agencies (designed to help individuals fulfill upcoming Medicaid requirements for work/volunteering hours)
- Belfast Maskers (2024) production crew member designing and constructing sets for various theatrical productions in the town of Belfast, Maine
- Produced photography and marketing materials for Friends of Sears Island (2023-2025) towards the conservation and protection of Sears Island/Wassumkeag in Searsport, Maine