Sean Patrizzo

Web Engineer | Full-Stack Developer | QA Specialist

Jackson, NJ 08527 • (732) 425-5792 • sean.patrizzo@protonmail.com • sean.patrizzo@gmail.com

Personal site: https://www.patrizzo.com/ • **Github:** https://github.com/Patrizzos • **LinkedIn:** https://www.linkedin.com/in/seanpatrizzo/

EXPERIENCE

Fox News Media, New York, NY — ***Back-End Engineer***

April 2021 – June 2026

Web Engineer responsible for architecting, authoring, reviewing, and deploying full-stack features and infrastructure across Fox News Media digital properties — a platform averaging 110M+ monthly unique visitors in 2024, growing to 143M+ in 2025, making it the #1 digital news brand in the U.S. by multiplatform views and minutes.

Key Responsibilities:

- Maintained server-side Node.js applications using Nuxt.js and Astro, including RESTful API (JSON) integrations and SSG pipelines
- Contributed to agentic development workflows using LLM tooling (Claude, Cursor, Codex) and MCP servers to accelerate feature delivery and code quality
- Participated in PR reviews and enforced Git branching strategies (GitFlow) across engineering teams; maintained code quality and documentation standards
- Managed dev, staging, and production environment configurations via GitHub Actions CI/CD pipelines, including environment variables and feature flags
- Monitored and debugged production issues using Datadog and Grafana; executed CDN cache management across Fastly and Akamai to ensure content freshness at scale
- Contributed to front-end performance work targeting Core Web Vitals (LCP, CLS, FID); conducted accessibility audits using the Axe browser plugin to support WCAG compliance
- Supported A/B testing strategies using Optimizely in collaboration with editorial and product teams

Major Projects:

- 2024 Fox News Elections Hub
  - Contributed to the rebuild of elections infrastructure from scratch using Astro — new to the team — supporting one of the highest-traffic events of the year; responsibilities included component development and migration, real-time data hydration, and the primary election banner, engineered to serve live race call data to millions of concurrent users on election night
- Fox News Live Blog Tool
  - Contributed to a real-time editorial publishing tool used by the newsroom during breaking news and live events, enabling rapid content updates under peak traffic conditions

Fox News Media, New York, NY — ***Application Developer***

July 2017 – April 2021 (Full remote from March 2020)

Full-stack developer responsible for building and maintaining features across Fox News Media, Fox Business digital properties, working across the complete project lifecycle from planning through deployment.

- Authored front-end and back-end code changes; consumed and integrated RESTful APIs with JSON data contracts across multiple properties and publishing systems
- Worked across a breadth of JavaScript frameworks: Vue, Angular, Svelte, and Handlebars — adapting to project requirements and evolving team standards
- Maintained CMS platforms including custom WordPress implementations, Drupal, Vignette, and Adobe Experience Manager (AEM) for editorial and press publishing workflows
- Managed dependencies and build tooling via npm; deployed code via Jenkins CI/CD; contributed to environment management across dev, staging, and production
- Participated in Agile/Scrum ceremonies as well as Kanban and Waterfall processes depending on project structure

Major Projects:

- Fox News Voter Analysis Tool
  - Designed and built the front-end of the internal decision-desk tool used on election nights to call Senate, House, Gubernatorial, and Presidential races
- Fox News & Fox Business Press Pages Ecosystem
  - Rebuilt and maintained a headless Wordpress platform used by Press and Promotions teams to distribute press releases across both network properties

Fox News Media, New York, NY — ***Quality Assurance Lead***

June 2016 – July 2017

- Managed QA department personnel, hiring, onboarding, and day-to-day team operations
- Overhauled department documentation, standardized test planning, and defined cross-browser and cross-device testing protocols across Fox News Media properties
- Established early regression testing and release validation processes to improve defect detection

Fox News Media, New York, NY — ***Quality Assurance Analyst***

February 2013 – June 2016

- Executed manual, regression, exploratory, cross-browser, cross-device, and accessibility testing across Fox News Media web and mobile platforms — including during a major platform transition away from a Java-based CMS architecture
- Identified, documented, and tracked defects through full resolution lifecycle in collaboration with engineering and product teams
- Validated releases against product specifications and end-user acceptance criteria, ensuring parity between design intent and shipped output

EDUCATION

Rutgers University, New Brunswick/Piscataway, NJ — ***Bachelor of Arts***

September 2010 – December 2012

B.A. in Information Technology & Informatics; double minors in Digital Communication, Information & Media (DCIM) and History.

Rowan University & Brookdale Community College

September 2008 – May 2010

TECHNICAL SKILLS

Languages & Runtimes: Node.js, PHP, TypeScript, JavaScript (ES6+), HTML5, Bash/Zsh, PowerShell
Frameworks & Libraries: Nuxt.js (Vue 3), Astro, Vue 2, Angular, Svelte, Handlebars
Styling: CSS3, SCSS
CMS Platforms: WordPress (custom implementations), Drupal, Vignette, Adobe Experience Manager (AEM)
APIs & Data: RESTful API design & consumption, JSON, SSG pipelines, npm
CDN & Infrastructure: Fastly, Akamai; cache invalidation, environment management (dev/staging/prod), feature flags
CI/CD & Version Control: GitHub Actions, Jenkins, Git, GitHub, Sourcetree; GitFlow branching, PR review workflows
Observability & Monitoring: Datadog, Grafana; production debugging, alerting, performance analysis
Performance & Accessibility: Core Web Vitals (LCP, CLS, FID), Axe browser plugin, WCAG compliance
Testing: Playwright, Jest, Vitest, A/B testing (Optimizely); manual, regression, exploratory, cross-browser, cross-device & accessibility QA
AI / Agentic Development: Claude, Cursor, Codex, MCP creation and integration; LLM-assisted engineering pipeline optimizations
Methodologies: Agile, Scrum, Kanban; sprint planning, backlog grooming, code review, technical documentation

STRENGTHS

Proven ability to deliver under pressure in high-stakes, high-traffic environments — including live election nights and breaking news events serving 100M+ monthly users. Strong communicator across technical and non-technical stakeholders throughout the full project lifecycle. Equally effective working independently or as part of a distributed team, on-site or fully remote. Uniquely positioned having witnessed and contributed to Fox News Media's full technology evolution — from Java-based CMS architecture through to modern SSG frameworks and agentic development workflows — bringing an end-to-end perspective on quality, reliability, and delivery that spans the complete arc of modern web engineering.