

JOHN P. CORSO — fka Tomanelli

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Software engineer and tech lead with 6 years at Google Fiber. Leading a team of 9 building the customer portal serving millions across 20 states. Deep experience in identity systems, large-scale frontend migrations, and CMS architecture. NY Emmy winner.

EXPERIENCE

Software Engineer, Tech Lead (L4)

Jun 2020 – Present

Google Fiber — New York, NY

Portal Web Team Lead, L4 (2023 – Present)

- Lead the Portal web team, managing priorities, code reviews, coding standards, and delivery for ~9 developers building the customer portal (device management, internet settings, billing)
- Drove early architecture and prototyping for the CIAM migration (GAIA → Auth0), influencing system design from inception alongside the architecture team

Software Engineer, L3 (Jun 2020 – 2023)

- Led the migration of 200+ marketing pages from legacy frameworks to Next.js and Contentful CMS, enabling non-engineering teams to self-serve content publishing
- Rebuilt the internal sales CRM from scratch: Ruby on Rails backend, React frontend
- Integrated Uber delivery into the customer signup flow, enabling same-day equipment delivery
- Remediated critical security vulnerabilities in legacy Rails application

Full-Stack Developer

Jun 2018 – May 2020

Newsday Media Group — Melville, NY

- Built interactive election coverage maps visualizing Long Island voting results down to the election district level across Nassau and Suffolk counties
- Developed a series of public data-driven interactive maps for nextLI (housing development, community resources, land use), processing and visualizing government datasets for public exploration
- Built data importers and ETL pipelines to collect, clean, and analyze public records for publication
- Developed and maintained web applications and features for Newsday's in-house CMS
- **New York Emmy Award**, Interactive Media (2019), recognized as technical staff

SKILLS

Languages	JavaScript, TypeScript, SQL
Frontend	React, Next.js, React Native
Backend	Node.js, Express, Ruby on Rails, REST APIs, PostgreSQL
Testing	Jest, React Testing Library, Playwright
Infrastructure	GCP, Vercel, Auth0
Experimentation	Optimizely (A/B Testing), Harness/Split.io (Feature Flags)
Tools	Git, GitHub Actions, Harness, Contentful CMS

EDUCATION

BS, Computer Science and Information Security

John Jay College (CUNY) — 2013–2017 | Major GPA: 3.9

AWARDS

New York Emmy — Interactive Media (2019)

Technical staff, Newsday Media Group

SIDE PROJECTS

North Shore Software Labs — Founder | northshoresoftwarelabs.com

Independent software consultancy. Currently building a React Native iOS app for personalized children's stories (AI-generated text + illustrations + narration).