

DANIEL MCGRATH

daniel.mcgrath9@gmail.com | danielmcgrath.xyz | github.com/djm158 | linkedin.com/in/djmcg

SUMMARY

Senior Full-Stack Engineer with 8+ years shipping production web apps in TypeScript, React, Next.js, and Node.js. As founding engineer at Commsor, built search over 700M+ profiles and grew in-house engineering from one to three; at Wizard AI, shipped polls and favorites end to end, built a partner dashboard, and led the desktop redesign. Uses Claude Code daily.

EXPERIENCE

Wizard AI

Jan 2026 – Sep 2026

Staff Software Engineer

Remote

- Shipped shareable product polls end to end: MySQL schema enforcing vote integrity, integration-tested TypeGraphQL API with scoped auth and scheduled lifecycle jobs, and React guest share flows.
- Built favorites end to end: MySQL schema, integration-tested GraphQL API, MobX store, and UI.
- Led the customer app's move from a fixed 430px mobile layout to desktop with the design team: shared breakpoints across 3 packages, consolidated 6 duplicated headers into one, and replaced legacy modals with a reusable drawer.
- Built the sources drawer showing shoppers the reviews behind each AI recommendation, upgrading legacy data on read.
- Raised Lighthouse accessibility on core screens from 82 to 95 (average) by initiating audits and fixing 38 WCAG failures across checkout, chat, product, gallery, and reviews; added jsx-ally linting to the shared ESLint config.
- Cut JavaScript downloaded on first load by 70% and first contentful paint by 59% (Lighthouse mobile) after finding the customer app served uncompressed assets, then enabling Cloud CDN compression in Terraform.

Commsor

Apr 2025 – Dec 2025

Senior Full-Stack Engineer

Remote

- Scaled network discovery from about 100 to tens of thousands of connections per person in under a minute, enabling live sales demos: replaced a slow graph-database crawl with a retryable Inngest + Elasticsearch pipeline over 700M+ profiles.
- Owned the product platform end to end as founding engineer; designed the technical hiring process (take-home with live review) and hired and onboarded two engineers, growing in-house engineering from one to three.
- Led the NextAuth to Better Auth migration after library workarounds caused silent sign-in failures, consolidating user tables; added workspace RBAC and PostgreSQL row-level security for tenant isolation.
- Shipped the end-to-end introduction workflow in Next.js, with delivery via connected Google accounts.
- Added real-time job and CRM-sync notifications over Supabase Realtime with RLS-secured per-workspace channels.

Nearform

Jun 2022 – Apr 2025

Senior Software Engineer

Remote

- Built the Module Federation integration decoupling a Fortune 500 retailer's storefront apps from shared navigation releases; after an all-at-once rollout strained downstream teams, pushed for team-by-team rollouts with rollback plans.
- Led frontend development of a data-heavy app-health monitoring tool for a major telecom client (React, React Query).
- Rebuilt Nearform's marketing site and Storybook component library on Next.js, Tailwind CSS, and Sanity CMS.
- Contributed features, fixes, and docs to the open-source Victory and victory-native-xl data visualization libraries.

WizeHive

Sep 2020 – Jun 2022

Software Engineer

Conshohocken, PA

- Built core features for a GraphQL/Apollo rewrite of a legacy grant-management platform, including a drag-and-drop React Flow editor that let administrators configure workflow stages themselves.

Vistar Media

Sep 2018 – Sep 2020

Software Engineer

Philadelphia, PA

- Built React/TypeScript features and Python/Flask microservices for an ad buying platform; served on AWS on-call.

Computer Enterprises Inc.

Jan 2018 – Sep 2018

Associate Developer

Plymouth Meeting, PA

- Productionized a national self-storage client's parallel R data science workloads on Azure Batch.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, HTML, CSS/Sass

Frontend: React, Next.js, Vite, Tailwind CSS, shadcn/ui, React Query, SWR, Zod, react-hook-form, MobX, Storybook, Module Federation, React Flow, Victory, Sanity CMS, Figma

Backend & Data: Node.js, GraphQL, Apollo, TypeGraphQL, REST APIs, Flask, PostgreSQL, MySQL, MongoDB, Supabase, Supabase Realtime (WebSockets), Elasticsearch, Inngest, Better Auth

Accessibility & Performance: WCAG, screen reader testing, axe, eslint-plugin-jsx-a11y, Lighthouse

Testing & DevOps: Vitest, Jest, React Testing Library, Playwright, Cypress, AWS, GCP, Vercel, Docker, Terraform, GitHub Actions, Datadog, CloudWatch, Azure, Bazel, Git, Linux

AI-assisted development: Claude Code

EDUCATION

University of Pittsburgh – Bachelor of Science in Computer Engineering, *Summa Cum Laude*

Sep 2013 – Dec 2017