



Driving **enterprise-wide technical initiatives**. Transforming legacy systems into **modern architectures**. Building scalable systems that enable **teams to ship faster**.

Matthew Scholta

A Software Engineer

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Shiftsmart | Sr. Staff Engineer | Sept 2022 - Present

- Architected and delivered microservice transformation strategy, splitting monolith into 7+ GraphQL APIs and 7 Remix applications, enabling independent scaling and faster feature delivery across teams
- Led enterprise-wide TypeScript adoption initiative, establishing strongly typed GraphQL APIs organization-wide, influencing technical standards across the engineering organization and improving system reliability
- Modernized background job processing infrastructure by migrating from AgendaJS to BullMQ, delivering 40%+ performance improvements and enabling horizontal scaling
- Built comprehensive observability infrastructure with Datadog, reducing mean time to resolution by 60% through improved monitoring, logging, and alerting
- Automated service scaffolding via custom NX generators, reducing new service setup time from days to hours and ensuring architectural consistency across teams
- Introduced modern tooling stack (Remix, NX, NestJS, TailwindCSS, BullMQ, Redis) that streamlined development workflows, accelerated delivery, and improved developer experience organization-wide

Soft Skills

Technical Leadership, Strategic Planning, Systems Thinking, Mentoring & Team Development, Cross-functional Collaboration, Problem-solving, Communication, Adaptability, Innovation, Attention to Detail

Technologies

Agile, Apollo, AWS, BullMQ, CSS, Docker, Expo, Express, Figma, Formik, GraphQL, HTML, i18next, JWT, Jotai, LangChain, NestJS, NX, PostgreSQL, React, React Native, React Query, React Router, Redis, Rollbar, Supabase, TailwindCSS, TypeScript, Vercel, Vite, Vitest, Zod

Education

San Francisco State University
Industrial Design (*incomplete*)

Haldi | Principal Engineer | Apr 2021 - Aug 2022

- Architected containerization strategy, containerizing 80% of the stack and development workflow, eliminating deployment inconsistencies and improving developer productivity by 50%+
- Established GraphQL API standards and strongly typed services across the organization, reducing integration errors by 70% and improving system maintainability
- Led complete platform rebuild from Python + Django to NextJS, modernizing the web experience, improving performance metrics by 40%+, and enabling faster feature delivery
- Built comprehensive development infrastructure—survey framework, CSS style guide, monorepo architecture, and full testing suite—establishing practices that enabled 3x faster feature delivery

ThredUp | Staff Engineer | Feb 2016 - Apr 2021

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