Aster Audrey Ryan
Software Engineer

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SKILLS

JavaScript + TypeScript (10 years)
> **Node.js** (10 yrs), **React** (10 yrs) + **Redux**, **Angular** (6 yrs), **Solid.js** (2 yrs), **GraphQL** (5 yrs), **Next.JS** (5 yrs), **Apollo** + **Express** (5 yrs), **Jest** (10 yrs) + **Cypress** + **Playwright**

Ruby + Rails (10 years)
> **Rails** versions 2 - Current (10 yrs), **RSpec** (10 yrs), Contributions to **ActiveRecord**

Full Stack Engineering
> **PostgresQL** (10 yrs), **HTML** + **CSS/SASS** (10 yrs), **AWS** (10 yrs), **New Relic** (9 yrs), **Sentry** (8 yrs), **Datadog** (4 yrs),

Product Ownership + Technical Mentoring
> **Architecture** Specs, **Communication** w/ stakeholders + external, **Alerting** + **Reporting**
> Guiding junior engineers to build skills, break down problems, write maintainable code

EXPERIENCE

1. **MIX NYC Film Festival**: Director of Production — May '24 - Present
2. **Bubble**: Senior Software Engineer / Interim Manager — 2023 - May '24
   - Implemented new frontend Design System to **improve modularity** in existing custom legacy client-side framework, and coordinated adoption across teams
   - Shipped several significant frontend UI Modernization projects in the Bubble App Editor, **increasing user retention** through improved UX + **improving performance**
   - Implemented Memory Observability framework for **detecting client-side memory leaks**
3. **Talkiatry**: Staff Software Engineer — 2021 - 2023
   - Led application team as **second technical hire**, growing to team of eight engineers + design, QA, and product
   - Scoped and built internal and patient-facing applications from the ground up, implemented component library based on company design language
   - Implemented **HIPAA-compliant authentication / access controls** for patients + admin
4. **Cityblock Health**: Staff Software Engineer — 2019 - 2020
   - **Led team of three engineers** by running sprint planning, holding office hours for pairing sessions, and overseeing code review to ensure quality and consistency
   - Designed and implemented new code standards, including a GraphQL/Objection.js overhaul for **improved query performance**, and move to React function components + GraphQL hooks for improved typechecking to **decrease regressions shipped**
5. **Genius**: Software Engineer — 2016 - 2019
   - Built export infrastructure to provide lyrics to Apple Music on a semi-hourly basis, **decreased export times from hours to seconds**, wrote ops documentation and implemented alerting and reporting to meet SLA
   - Maintained a Rails 2 app well past end-of-life: **patched ActiveRecord** to bring Postgres 10 support, wrote a **RFC 1952-compliant Gzip Reader**, and patched CVEs
   - Assisted in ground-up homepage redesign for **increased engagement**: built new APIs for web and mobile apps, built filtered charts feature, implemented visual designs
6. **LandlordsNY**: Software Engineer — 2014 - 2016