




Ryan Serazin

Contact Info




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Education





The Rochester Institute of Technology
Class of '16

B.S in Computer Science,
Minor in Philosophy

Skills

- ▼  **Languages**
Ruby,
Clojure/Clojurescript,
Typescript,
Javascript, Python,
Java
- ▼  **Tools**
Apache Airflow,
Amazon Alexa,
Ansible, Athena, AWS
Lambda, AWS,
DataDog, Dynamodb,
Docker, Elasticsearch,
Git, Kubernetes
Postgresql,
Redshift/Spectrum,
Redis, Solr,
Snowflake, Terraform,
Vim
- ▼  **Frameworks**
Ruby on Rails,
NodeJS,
Padrino/Sinatra,
NextJS, GraphQL,
React, Redux, SWR,
MUI, Swagger,
OpenAPI

Work Experience

- ▼  DebtBook - **Senior / Lead Software Engineer** (May 2023 - Jan 2025)
Promoted to lead engineer in charge of building DebtBook's new disclosure reporting platform after successfully launching MVP disclosure reporting tool to hundreds of active users of the legacy debt platform on time and without issue.
 - ▼ Financial Reporting Team - **Lead Engineer** (Jan 2024 - Jan 2025)
 - Established a simple agile process with newly created team and PM that allowed projects to be lead by team members and refined as a group shortly before work started. New process led to much smaller ticket sizes and improved coordination and collaboration between tickets resulting in the team hitting quarterly KPIs.
 - Paired with team members to share knowledge while refactoring the SQL-based generation and deduplication logic written for MVP product into Ruby-based approach that used a domain driven design framework created by principal engineer to support future multi-tenant use across products.
 - Led projects to integrate third party PDF viewer and WYSIWYG document editor libraries used by multiple teams to support new products being built. Document editor integration included bespoke locking system to safeguard concurrent editing. Release of projects greatly accelerated timelines of dependent products being developed by contracted teams.
 - Collaborated closely with the platform team's PM and lead engineer to plan for and contribute components to the in-development frontend design system while working on the implementation of our team's new products.
 - ▼ Debt Continuing Disclosure Team - **Senior Engineer** (May 2023 - Jan 2024)
 - Worked closely with non-technical public finance SMEs to design, plan, and implement foundational logic that used natural language schedules to generate periodic reports to be prepared and submitted by users, and grouped the preparation of related reports based on said schedules to avoid duplicate preparation work.
 - Worked closely with PM and team designer to implemented the frontend to track the preparation and submission of reports generated based on the schedules described above.
 - Established automated end-to-end testing plan with contracted QA team to used to verify the correctness of the product on every release.
- ▼  Leafly - **Senior Software Engineer** (May 2022 - May 2023)
Primarily responsible for technical leadership, mentorship and project planning. This included gathering project requirements from various PMs, writing technical plans for projects, and pairing with different engineers working on those tickets.
 - Proposed, planned and led multi-cycle project to unify behavior and display logic for search result filtering across the web and mobile site. Project was delivered on time, unblocking key revenue generating initiatives while allowing us to greatly reduce the frontend code needed to display filters as well as reducing the time required to add or update filters across pages from weeks to days.
 - Released key revenue driving project to support serving multiple marquee-style ads to a single placement, after a restructuring and in an unfamiliar part of the codebase. Project delivered early and with enough time to train sales staff before the new quarter started.
 - Led cross team project to implement and standardize code coverage reporting across apps built using our CI/CD pipeline, and create a centralized dashboard for tracking coverage stats for teams to use to drive testing improvements.
- ▼  Jackpocket - **Software Engineer** (August 2021 - May 2022)
Maintained operations tools written in Ruby on Rails while aiding in the refactoring of that monolith into Elixir services.
 - Led project to automate shipping label generation for winning tickets using an Elixir micro-service. Launched working MVP that integrated with the UPS shipping API speeding up ticket generation by an order of magnitude.
- ▼  BookBub - **Full-Stack Engineer** (June 2016 - June 2021)
 - Led team in researching, designing, implementing, and launching an Alexa Skill MVP to allow customers to listen to their audiobook library.
 - Worked closely with new grad PM to design and implement an admin page to automate approved audiobook refund book-keeping and messaging for the support team.
 - Implemented ETL pipelines using Snowflake to calculate relative sales performance for past promotions to aid our business development admins in choosing promotions.
 - Rewrote core ad auctioning service in Clojure with a senior new hire. Reduced deploy times from hours to minutes and enabled auction time, loss-preventing, adjustments to CPC bids.
 - Implemented CPC bidding in our auction service by using an ads historical and estimated CTR to compare its CPC bid with other CPM bids at auction time.
 - Rearchitected the distributed locking mechanism for our ad serving service in order to reduce the number of servers needed to serve ads by half.
 - Improved the speed of the estimate reach calculation shown to partners as they selected targeting for their ads from 2min+ to sub 500ms by moving calculation from Redshift to Solr/Lucene.