

Ryan Scarbel

Staff Software Engineer / Tech Lead

Experience

Technical Software Lead | Jewelers Mutual MAY 2025 – PRESENT

- Led technical strategy and cross-functional execution for a new enterprise insurance product, partnering with engineering, product, pricing, compliance, legal, sales, and marketing to ensure alignment and delivery.
- Authored and drove adoption of high-quality technical design documents emphasizing security, scalability, tradeoff evaluation, and long-term extensibility.
- Served as the primary technical point of escalation across multiple engineering teams; contributed hands-on during complex implementation and debugging efforts.
- Collaborated closely with executive leadership (VP Engineering, SVP Product, CTO) as a trusted advisor on product architecture, risk assessment, and delivery planning.
- Developed an extensible technical design for automated tax filing across diverse product lines, simplifying data flows from dozens of sources and enabling enterprise-wide process automation.
- Recognized internally for consistently delivering complex initiatives with clarity, alignment, and reliable execution.

Senior Full Stack Software Engineer | Hello Moon APRIL 2024 – MAY 2025

- Developed and maintained the backend for a telegram Solana trading bot, using NestJS with TypeScript, using a mix of DynamoDB NoSQL and Postgres SQL databases, ensuring high availability and fault tolerance
- Managed, developed and maintained a full-stack Next.js app. React front end, NodeJS backend. Built out REST API
- Managed distributed platform using AWS with event-driven architecture
- Worked closely with clients to gather requirements, identify use cases, and manage the scope and delivery of our product.

Full Stack Software Engineer | HireArt JANUARY 2022 – APRIL 2024

- Team lead for core platform feature development as DRI (Directly Responsible Individual), including writing technical design docs for stakeholders & engineers, and guiding the development process from planning to delivery.
- Identified a need for improvement and initiated/led a rearchitecting and re-factoring of the manager's domain of the app to improve speed by over 40x for large clients by removing N+1 queries, caching query results, indexing polymorphic database tables, moving pagination, filtering/searching/sorting to the backend.
- Fullstack development on Ruby on Rails app with JavaScript & React front end and Postgresql database.
- Interviewed employees across departments within HireArt to identify internal pain points and places to increase revenue or decrease costs. Wrote design docs based on findings and delegated work to the engineering organization on the most impactful takeaways.

Software Engineer | The Changists, LLC NOVEMBER 2020 – FEBRUARY 2021

- Developed and optimized a Python full-stack application using Django.
- Developed desktop application with JavaScript using Electron.
- Created product roadmaps after extensive research to understand client needs.

Education

UNCG Greensboro – Philosophy Major – 2012 - 2017