Ryan M. Scarbel
Software Engineer / Full Stack Developer ● NYC

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Summary

Highly motivated software engineer with experience developing full-stack applications using JavaScript, Ruby, and React. Skilled in systems design, database design, and technical documentation, with a strong focus on creating efficient and scalable software solutions.

Work Experience

Full Stack Software Engineer ● HireArt ● January 2022 – Present

• JavaScript w/ React on the frontend and Ruby on Rails for the backend with PostgreSQL

• Lead feature development as DRI, 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, and taking thousands of lines of code from 0% test coverage to 88% test coverage including unit tests (using Jest and Rspec), feature tests & end-to-end tests (using Rspec w/ Capyabara).

• Coached and guided intern in developing a feature to track holiday schedules for clients

Software Engineer ● The Changists, LLC ● November 2020 – February 2021

• Worked on Python full-stack application using Django

• Developed desktop application with JavaScript using Electron

• Created product roadmaps after extensive research to understand client needs and perspectives

• Maintained company website

Senior ITS manager ● UNCG ● Aug 2014 – Nov 2020

• Team lead for IT support and provided software support for students

• Implemented hardware infrastructure installation around campus

Education

University of North Carolina at Greensboro ● Philosophy ● Aug 2012 – Dec 2017

Skills

TypeScript ● Javascript ● Ruby ● testing ● GIT ● Heroku ● systems design ● database design ● technical documentation ● React ● SQL ● Node ● OOP ● Functional Programing ● REST API ● GraphQL