

Jordan Yu

Full-Stack Software Engineer | Ruby on Rails · React · TypeScript
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SUMMARY

Full-stack software engineer with 7+ years of experience on a commercial insurance quoting platform built with Ruby on Rails and React. Strongest at third-party API integrations, configuration-driven integration frameworks, legacy modernization, and owning shared front-end libraries. Writes design proposals (RFDs), builds internal tooling, and applies GitHub Copilot to engineering workflows and code review

SKILLS

Core: Ruby on Rails, Ruby, React, Redux, TypeScript, JavaScript, PostgreSQL, SQL

Integration & backend: REST APIs, partner/carrier API integrations (XML/JSON), scheduled jobs, SFTP, PDF generation

Tools & practices: AWS (S3), RSpec, Jest, Git, Sentry, GitHub Copilot, technical design (RFDs), legacy modernization

Also: Vue.js, Golang, D3, Node.js

EXPERIENCE

Software Engineer | Brown & Brown | Remote

Nov 2020 – Present

- Extended the in-house integration framework with a snippet interpreter parsing carrier XML/JSON responses
- Avoided ~383 separate parsing methods across ~20 carrier/product integrations through configuration-driven parsing
- Shipped an agent-facing quote comparison modal on top of the interpreter, surfacing structured quote details to agents
- Authored an RFD to restructure a 20M+ row configuration table that grew by 1M+ rows per new carrier/product
- Designed the proposal to cut the hundreds of thousands of writes needed to onboard a new market, plus ongoing storage
- Extended the proprietary React component library with a progress bar, multiselect, and sidebar navigation
- Owned the sunset of a proprietary UI library dependency, consolidating apps to cut maintenance and speed development
- Led data migration for a legacy application sunset, building transfer tables, uploaders and an off-hours backfill job
- Built a question-redundancy detector over ~5,500 questions, exporting potentially redundant matches to CSV for review
- Designed a tool translating carrier-specific business-type mapping tables into carrier-agnostic tables via uploader CSVs
- Owned the CoverHound to Brown & Brown rebrand across themes, colors, logos, legacy views and asset routing
- Use GitHub Copilot in VS Code and GitHub to increase efficiency in engineering workflows and code review
- Currently learning Claude Code and Wispr Flow to further extend AI-assisted development workflows and productivity

Software Engineer | CoverHound | San Francisco (Hybrid)

Oct 2019 – Nov 2020

Acquired by Brown & Brown in November 2020

- Built animated checkout processing components and converted legacy class components to functional containers
- Owned a major part of the React component library (input groups, header/footer/card/modal) across ~20 branding variants
- Built a staged carrier request pipeline with error handling and redaction of sensitive PII data in production logs
- Built a monthly sold/cancelled/lapsed policy report sent via SFTP on a cron schedule, with Sentry alerting on send failure
- Automated bond-package PDF generation (PDFtk) for 40+ states, with custom templates for 9, delivered via S3 and email
- Redesigned the Insurance Guru recommendation flow with per-step results, animations and cross-browser support
- Led containerized refactors with new test coverage, including Insurance Guru groundwork for the in-flow 'IG Lite' version

Software Developer | Punchh | San Francisco Bay Area (Hybrid)

Nov 2018 – Oct 2019

- Built a one-time-password (OTP) verification microservice in Go to power end-user two-factor authentication (2FA)
- Led front-end implementation of a custom single-page application (SPA) builder in Vue.js, consuming Golang APIs
- Created dynamic data-visualization components using D3 to empower businesses to better connect with customers
- Integrated Vue, TypeScript, and Golang applications into a Rails product, resolving style and UI conflicts with legacy code
- Resolved web security vulnerabilities in Ruby on Rails applications by enforcing the use of nested strong parameters

EDUCATION

University of California, Berkeley – BA, Cognitive Science (2017)

App Academy – Immersive full-stack software development program (2018)

COMMUNITY

Career Coach, Beyond College (Aug 2026 – Present) | **College Mentor**, Rutgers University (Jun 2025 – Present)