

Sabrina Reyes

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New York City, NY

WORK EXPERIENCE

Vouch Insurance – Remote

Tech stack: TypeScript, React, MaterialUI, Jest, GraphQL, NestJS, Prisma, Ruby on Rails, RSpec

Software: Temporal, CircleCI, Postman, Bruno, Nomad, Cursor, Claude Code, Warp, Docker, Datadog, Sidekiq, AWS
Software Engineer 2 August 2022 – Present

- Integrated LLM-based hazard prediction service into submissions workflow, implementing Redis cache for deterministic submission completion logic and frontend foundation for underwriter hazard review
- Led a core platform modernization effort with one junior engineer under my wing, rebuilding the Admin Client View on a PostgreSQL and NestJS microservice architecture
- Designed and led event-driven generation of dynamic, tagged docx templates using Typescript, Kafka, Temporal, and AWS S3, reducing GTM team preparation time from one hour to under one minute per quote
- Migrated underwriting rules, authority rules and form attachment logic into a business rule engine, reducing underwriter turnaround times by 20% and enabling underwriters to focus on complex, high-value cases
- Launched a forms service in our monorepo, enabling the Insurance Innovation team to manage and deploy form logic and templates. Built with NestJS, Prisma, and OpenAPI, using Traefik for request routing

Software Engineer 1

June 2021 – August 2022

- Managed on-call incident responses using Opsgenie and executed cross-engineer code deployments through CircleCI for efficient software releases
- Architected, tested and deployed a quote block service in Vouch's onboarding funnel, driving over \$1M in GWP from renewal and new business clients by alerting internal stakeholders of who finished their application
- Built and maintained these features: request to update and add coverage, list quotes, update payment information using Stripe API, and a state-based renewal banner with GraphQL, MaterialUI and React
- Rebuilt Customer Portal in React (transitioning from Vue) alongside senior engineers, resulting in improved developer workflows and adherence to modern best practices – viewed by 1.5k unique users monthly

Columbia University Information Technology – Remote

Systems Development Intern

February 2021 – June 2021

- Streamlined a system transition by automating the migration of Confluence content into HTML-structured Jira Epics using Python and JQL for data retrieval
- Contributed to Redivis open-source software to enable transfer of CSV files

Beyond – New York, NY

Full Stack Developer

June 2020 – January 2021

- Engineered the internal dashboard with Tailwind, React, TypeScript, Next.js to surface real-time electrical scooter data, parts, and pricing for a ten-engineer operations team
- Optimized customer retention by redirecting customers from a Shopify subscription page to Beyond's checkout page using JavaScript and Liquid
- Designed and built a custom TypeScript and React request form to collect and manage scooter purchase, repair, and upgrade submissions, using Airtable as the backend, from concept to production

Projects

CodeDay

- Mentored two college students learning React, NodeJS, TypeScript and various Cloud APIs through the process of contributing to the Firefiles open-source application. Supported for seven weeks.

Landlorde

- Designed and built a production-ready REST microservice that streamlines landlord-tenant communication by tracking maintenance requests and tenant needs in apartment housing
- Received system design and collaboration mentorship under Elisa Valdez de Ramírez, manager at Strava

Skript

- Developed Skript, a distraction-aware web app for Zoom sessions using React, TypeScript, Material-UI, TensorFlow, PyTorch, Affectiva, and Python, enabling real-time facial and sentiment analysis, automated session recording/transcription, distraction timestamp extraction, and intelligent Q&A