

# Sabrina Reyes

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## WORK EXPERIENCE

### Vouch Insurance – Remote

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

*Software:* Temporal, CircleCI, Postman, Bruno, Nomad, Cursor, Warp, Docker, Datadog, Sidekiq, LogRocket, AWS

#### Software Engineer 2

August 2022 – Present

- Designed and led event-driven generation of dynamic, tagged docx templates using Typescript, Temporal, and AWS S3, automating creation of broker sales assets that increased revenue by 15% per month
- 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 to enable the Insurance Innovation team and engineers to manage and deploy form logic and templates; embedded with NestJS, Prisma and OpenAPI, using Traefik for proxying
- Implemented secure access to proprietary endpoints behind a VPC, allowing 21.5% of clients to directly download individual policy documents, contributing to increased retention and gross written premium
- Managed on-call incident responses using Opsgenie and executed cross-engineer code deployments through CircleCI for efficient software releases

#### Software Engineer 1

June 2021 – August 2022

- Streamlined Certificate of Insurance retrieval process by building templates and incorporating zip files in automated email system using Sendgrid – delivers at least 700 emails a month
- Architected, tested and deployed a quote block service in Vouch's onboarding funnel, increasing renewal and new business retention by 8% by alerting internal stakeholders of clients 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; required 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

*Tech stack:* Python, SQL, DBVisualizer, MagickMock

#### Systems Development Intern

February 2021 – June 2021

- Streamlined system transition by migrating Confluence content into HTML-structured Jira Epics through Python API automation
- Contributed to Redivis open-source software to enable transfer of CSV files

### Beyond – New York, NY

*Tech stack:* React, TypeScript, Tailwind CSS, NextJS, PostgreSQL, TypeORM, Liquid

#### Full Stack Developer

June 2020 – January 2021

- Engineered user interfaces for an internal dashboard using Tailwind, React, TypeScript, NextJS
- Optimized customer retention by redirecting customers from a Shopify subscription page to Beyond's checkout page using JavaScript

## 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 an architecture diagram for landlords and tenants who live in affordable, accessible housing
- Constructed the user design, data model and code architecture for a production-ready REST microservice requiring TypeScript, NextJS, PostgreSQL, DBeaver, PgAdmin 4

### 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