

Christopher Hranj

Senior Software Engineer
B.S. in Computer Science from The College of New Jersey

EXPERIENCE

Senior Software Engineer @ Alchemy

New York, NY | March 2025 -

As a full-stack product engineer on the Developer Tools team, I built and refined core workflows that unified internal services from teams across the organization into cohesive and reliable user-facing experiences.

Key Accomplishments:

- unblocked company's largest enterprise contract (> \$1,000,000) by designing and integrating a user activity audit log and an IP address allow-list system into dashboard and authentication products
- delivered full-stack improvements across core web-app surfaces by implementing new product-page templates, refactoring UI state logic, optimizing data loading and charting behavior, and porting legacy Django services to a TypeScript monorepo
- improved platform observability/stability and reduced mean time to resolution (MTTR) by reducing log noise, fine-tuning alerts, and identifying bottlenecks using Grafana, Sentry, and Cloudwatch

Senior Software Engineer @ GIPHY

New York, NY | March 2023 - Aug 2024

Responsible for enabling speed-to-revenue by updating and re-integrating key services discontinued during 2020 acquisition.

Coordinated with campaign managers and sales teams to prioritize ad campaign CMS features and improvements.

Key Accomplishments:

- optimized ad-tracking service performance by ~50x which greatly increased concurrent ad campaign availability
- automated long-form video editing/uploading using FFmpeg to increase adoption of new video products by ~25%
- increased available ad inventory by ~30% by integrating ML-powered search-keyword services into internal CMS tooling

Software Engineer @ GIPHY

New York, NY | Nov. 2018 - March 2023

- built and refined an internal CMS tools for creating, managing, and monitoring advertisement campaigns
 - integrated OAuth, asynchronous task schedulers, downloadable campaign reports, monitoring and alerting tools
- added support for WebM media format to GIF creation pipeline
- evangelized engineering culture by writing for the engineering blog and attending sponsored hackathons

Software Engineer @ Truveris

New York, NY | Apr. 2017 - Oct. 2018

- maintained and extended referential data pipelines for third-party pharmacy, drug, and physician data
- created dynamic coupon programs for pharmaceutical clients and integrated SMS/IVR activations
- assisted in design/implementation of a patient income verification system

SKILLS

- back end: Python { Django, Celery, Django REST framework }, Node.js { Express, Temporal }
- front end: JavaScript (TypeScript), React, styled-components, Alpine.js, tailwindcss, TanStack
- tooling: PostgreSQL, gRPC, FFmpeg, Redis, Grafana, Sentry, Datadog, Cursor
- infra: Linux/UNIX, Git/GitHub, Docker, Terraform, Kubernetes, Jenkins

PROJECTS

from brodan import Blog | <https://brodan.biz/blog>

- self-hosted and maintained website/blog built using Ghost, NGINX, Let's Encrypt, HTML/CSS/JavaScript

PostCampaigns | <https://postcampaigns.com>

- implemented designs and integrated Stripe payment flow and Lob API into a Django app for mailing physical postcards