

# MANNAN KASLIWAL

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## TECHNICAL SKILLS

**Languages:** JavaScript, Ruby, TypeScript, HTML, CSS/SASS, Python, C++, Java

**Frameworks & Databases:** ReactJS, Ruby on Rails, NextJS, PostgreSQL, GraphQL, Redis, SWR, Redux, Apollo, NodeJS, Express

**Platforms & Tools:** Heroku, Vercel, AWS, Cypress, Stripe, Sidekiq, Segment, Datadog, Tailwind, RSpec, Sanity.io, Postman, Webpack

## EXPERIENCE

### Reforge

Remote

Software Engineer

Sep 2022 - Apr 2023

- Led initiatives to optimize our server HTTP & GraphQL requests to increase p95 latency performance by over 50% during heavy traffic load
- Served as tech lead to bring a new Teams-based MVP to the platform to help drive enterprise membership retention
- Collaborated with a pod of 7 colleagues in an Agile methodology to implement & release an in-product Slack alternative, which in turn helped increase cohort engagement metrics by over 33%

### Obé Fitness

Brooklyn, NY

Senior Software Engineer

Dec 2021 - Aug 2022

- Restructured the data modeling for our Rails & Postgres systems to increase time-to-load on the Next.js app by 30%,
- Integrated new experimentation vendor, Split, on both the Next.js & Rails apps of our platform to allow the business to conduct legitimate A/B tests & feature-flagged experiments
- Mentoring junior engineers during feature-planning & pair programming sessions by providing guidance & advice on obé's various technologies, systems, architecture best-practices and codebase etiquettes
- Served as a hiring manager by vetting candidates for various engineering roles & conducting numerous behavioral & technical interviews of candidates on a weekly basis

Software Engineer

May 2020 - Dec 2021

- Constructed new filtering API for our fitness classes that leveraged our Sanity.io CMS to increase filter search times by 75%
- Introduced versioning to our REST API in order to better scale the API as the platform & services continued to grow
- Leveraged Stripe API to introduce new Guest Pass feature to platform, where users receive dollar credits for referrals in a secure & transactional manner
- Designed robust & reusable React components for DRyNess in our Next.js app & speeding up development time for features

## PROJECTS

### Superflix

live | github

A superhero themed Netflix clone developed with React, Redux, JavaScript, Ruby on Rails, AWS, and PostgreSQL

- Engineered a debounced search feature which, upon changes to user input, filters media based on fully matching and partially matching video titles and genres in optimal time
- Leveraged AWS S3 for cloud video and image storage to reduce load times for displaying media and to allow for graceful application scalability when new content is added
- Optimized database usage and eliminated N+1 queries by observing PostgreSQL and Active Record best practices

## EDUCATION

Web Development - App Academy

Aug 2019 - Jan 2020

- Immersive 1000-hour full-stack web development bootcamp with <3% acceptance rate
- Teaches full-stack web development topics such as scalability, security, SPAs, and web development best practices

BS in Computer Science - Binghamton University, State University of New York

Aug 2014 - May 2018

- Magna Cum Laude (GPA: 3.7/4.0), Dean's List (2014 - 2018), Chi Alpha Epsilon National Honor Society
- Relevant Coursework: *Software Engineering, Database Systems, Programming for the Web, Design & Analysis of Algorithms*