MANNAN KASLIWAL

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TECHNICAL SKILLS

Languages: JavaScript, Ruby, Python, HTML, CSS/SASS, C++, Java
Frameworks & Databases: ReactJS, Ruby on Rails, NextJS, PostgreSQL, Redis, SWR, MongoDB, Firebase, NodeJS, Express, Redux
Platforms & Tools: Heroku, Vercel, AWS, Sanity.io, Segment, Datadog, Sentry, RSpec, Git, Postman, Webpack, Stripe, Sidekiq, Linux

EXPERIENCE

Obé Fitness   Brooklyn, NY
Senior Software Engineer   *Dec 2021 - Present*
- 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

UpNext   live | github
A mobile-first app to track movie interests and getting recommendations; built using MongoDB, Express, React, Redux, and Node.js
- Headed a four man team by monitoring the development of the different pieces of the project, delegating frontend and backend tasks as needed, and reviewing & merging git pull requests to keep a stable git repository
- Employed the Mongoose ORM to filter and map results of *TMDb* API calls into documents stored in MongoDB to prevent future redundant API calls and shift reliance to our own backend whenever possible
- Utilized CSS media queries and responsive settings in React components to create a fully responsive, device agnostic design

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*