

Garima Bhatia
Software Engineer, New York City, Metropolitan Area

Email: garima41@gmail.com **Github :** <https://github.com/GarimaB06> **LinkedIn:** [linkedin.com/in/garimab06/](https://www.linkedin.com/in/garimab06/)

Skills

TypeScript, JavaScript (ES6+), React (Hooks), Redux, Node.js, Express.js, SQL - PostgreSQL, NoSQL - MongoDB, ChartJS - Data Visualization, Agile, Webpack, HTML, SASS/SCSS + CSS, Git/Github Flow, Docker, Electron, GraphQL, Jest

Experience

Frontend Lead, *Docketeer* docketeer.org

2022 - present

- Implemented React to develop the front end of the application for easier code maintenance, improved testability with component-based architecture and a cohesive design system across the board, resulting in an elevated UI/UX
- Employed ChartJS to create a dashboard UI of the charts, providing a visual representation of data allowing ease in comparing and identifying Docker container usage trends and patterns
- Incorporated React Hooks to handle UI state, enhancing the metrics page's data visualization with compact widgets that provide an overview of tracked data and the ability to expand into a detailed view
- Asynchronously called Docker commands to retrieve data from containers by writing a helper method that returned command line functions as promises
- Applied Electron to package the app into an external GUI, enabling NodeJS runtime outside of a browser environment to make the app a desktop app accessible across the major operating systems
- Instituted TypeScript and custom types to identify expected inputs and outputs with the purpose of improving code maintainability and project scalability, resulting in a more robust and resilient codebase
- Administered Jest to improve the efficiency and long term maintainability of the unit tests that tested Docketeer's docker compose feature by leveraging test parallelization and snapshot testing
- Executed GitHub Actions for CI/CD to automate testing and code review on every pull request, ensuring high code quality
- Developed as an Open Source Product under the tech accelerator OS Labs (opensource.labs.io)

FitTracker (open source project) - Full Stack Software Engineer - Daily Exercise tracking app

2022 - present

- Built a Node.js/Express server to handle API requests and modularize CRUD operations for user data by using a router, controllers and middleware design pattern
- Exercised the fetch API's async capability & custom headers to gather 3rd party API data, subsequently passed through bespoke algorithms to categorize a user's specific data, while keeping the app lightweight and cross-browser compatible
- Deployed non-relational database (NoSQL-MongoDB) to enable future scalability & flexibility, with a distributed architecture and ability to scale horizontally

MyBookcase (open source project) - Full Stack Software Engineer - Virtual Bookshelf App

2022 - present

- Established relational database (PostgreSQL) as the database solution for the app, leveraging the scalability, data integrity, query performance, expandability and security features to create a secure and efficient data management solution
- Employed Sass to create a fun, skeuomorphic bookshelf UI that displays the user's book collection list, setting up a uniform design system throughout the application
- Leveraged React to create a custom modal component that enabled efficient development with reusability in use cases throughout the app (login page and book search UX)

Marigold Dance Studio - Founder and CEO - Dance and Fitness studio

2015 - 2020

- As the Founder and CEO conceptualized and managed the company's website and CMS using HTML & CSS. Adopted effective SEO strategies to optimize the web page for search engines, resulting in a 200 % increase in site traffic and social media following
- Demonstrated technical leadership by onboarding fellow instructors, interns and team members to the platform. Liaised with the studio clientele and ensured a smooth operation by streamlining promotions, scheduling, bookings and payments
- Orchestrated workshops and classes throughout the tenure as a business leader, bringing together a diverse group of over 30 local artists to create compelling and engaging learning experiences'

Education

Mumbai University B.S - Advertising

Public Talks - Introduction to GraphQL | JEENY and Bracelet, *Speaker Series* - 2023

Interests - Continuously exploring new dance styles to hone skills as a trained professional dancer and catching live music shows and checking out local art exhibitions and museums