

# MANJU THOMAS

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[PORTFOLIO](#)

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New York

## SKILLS

React, Redux, JavaScript, Node.js, Ruby, Rails, Redis, SQL, AWS, Webpack, HTML5, CSS3, git

## PROJECTS

**Tasker** (React, Redux, JavaScript, Ruby, Rails, PostgreSQL, Webpack, CSS3)

[live](#) | [github](#)

*A single page TaskRabbit clone where users select taskers, and book, view, and cancel tasks*

- Incorporated React's virtual DOM and Redux's global store to seamlessly share and render information across multiple components when booking a task.
- Created Active Record associations to extract tasker data from multiple tables in a single Ajax request, avoiding inefficient database queries and improving user's experience.
- Authenticated users with React Router and BCrypt, and generated unique session tokens with SecureRandom, allowing logged-in users to only access and make changes to their own tasks.

**nycAdventure** (JavaScript, HTML5 Canvas, CSS3, Webpack)

[live](#) | [github](#)

*A spoof of a New York City sidewalk, riddled with dog poop, and a walker, eager to get home, jumping to avoid the mess*

- Developed a collision detection algorithm for sprite characters and a canvas shape to assess game status.
- Integrated sprite character movement with event listeners, translating user input into graphical representations.

## EXPERIENCE

### Software Engineer Intern

*Hunter Digital, New York*

Sep 2019 - Present

- Engaged to build features in a React and Node.js app, deployed on AWS EC2, using Jenkins to automate CI/CD.

### Founder

*Smart Moves Physical Therapy, New York*

Jan 2018 - Present

- Established a profitable and five star rated small business administering physical therapy to Medicare beneficiaries.
- Managed all financial, regulatory, and marketing aspects, including billing and collections, insurance contracts, regulatory documentation, company website, social media pages, blogs, and community outreach.

### Physical Therapist, Supervisor

*Outreach Physical & Occupational Therapy and Speech Rehabilitation, New York*

Apr 2017 - Aug 2018

- Supervised a staff of 14 therapists, and created an on-boarding program to increase retention and quality of patient care.

### Education and Health Volunteer

*Peace Corps, Ghana*

Jun 2015 - Dec 2016

- Managed the successful funding, and construction of 41 household pit latrines to reduce open defecation and diarrhea.

### Program Manager, Project Manager

*FDA, Maryland*

Sep 2010 - May 2015

- Led the cross-functional implementation of an IT platform of workflow processes, data management and advanced analytics impacting 500 users, with successful roll-out within schedule and the \$3 million budget.
- Managed the cross-functional implementation of an IT platform with a budget of \$7 million.
- Supervised a team of six staff, setting the vision and plan for implementation.

## EDUCATION

**Software Engineering** - App Academy (Summer 2019)

**MBA, Health Sector Management and Financial Analysis** - Duke University, Fuqua School of Business, 2008

**BA, Chemistry** - Cornell University, 1996