

MANJU THOMAS

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

New York

SKILLS

React, Redux, Java, JavaScript, Elixir, Node.js, Python, Flask, 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.

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.

EXPERIENCE

Founder, Software Engineer, Physical Therapist

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.
- Developed technology infrastructure, including the company website, and a HIPAA compliant electronic medical record.

Apprentice Software Engineer

8th Light

Feb 2020 - May 2020

- Built Ruby and Elixir Tic-Tac-Toe applications with an unbeatable AI using Minimax algorithm, and CI through Travis and Github Actions.
- Deployed Java Http and Echo Servers to Elastic Beanstalk EC2 instances, using CircleCI for CI/CD.

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.
- Ensured compliance with Medicare guidelines through therapists' documentation review and mentoring.

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.
- 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