

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, Heroku)

[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 the user's experience.

Server (Java, AWS Elastic Beanstalk, CircleCI)

[github](#)

An HTTP server processing and responding to HTTP requests, and an echo server responding with the message sent to it

- Designed with SOLID principles, thoroughly unit tested, and used composition to promote flexibility and maintainability.

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