

MANJU THOMAS

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

New York

SKILLS

React, Redux, Java, JavaScript, Python, Django, Ruby, Rails, Elixir, GraphQL, SQL, AWS, TravisCI, CircleCI, CSS3, GitHub

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

- Created Active Record associations to extract data from many tables in one request, avoiding inefficient database queries.

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 using SOLID principles, composition, and test driven development to promote flexibility and maintainability.

SmartEMR (React, Apollo, GraphQL, Python, Django, PostgreSQL, AWS Lambda, Amazon S3, Amazon CloudFront, Travis CI) [github](#)

A HIPAA compliant EMR (in development) for independent physical therapists to document and track client visits

- Incorporated React's virtual DOM and Apollo's cache to seamlessly render and share information across components.

EXPERIENCE

Founder, Physical Therapist, Software Engineer

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, technology, and marketing aspects, including billing and collections, insurance contracts, regulatory documentation, company website, social media pages, blogs, and community outreach.

Apprentice Software Engineer

8th Light

Feb 2020 - May 2020

- Applied test driven development to build Ruby and Elixir Tic-Tac-Toe applications with an unbeatable AI.
- Leveraged SOLID principles to build and deploy Java Http and Echo Servers to Elastic Beanstalk, 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.

Education and Health Volunteer

Peace Corps, Ghana

Jun 2015 - Dec 2016

- Taught Mathematics and Information Communication Technology at the Junior High School Level.

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.

Associate

PRTM Management Consultants, New York

Jan 2010 - Sep 2010

- Implemented a medical management initiative resulting in an annual net savings of \$.5 million for a fortune 500 company.

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