

Dave Dwight

Full-Stack Software Engineer

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Skills

Frontend: React.js, Redux, Javascript, HTML, CSS, Gatsby, TailwindCSS, Cypress, Vercel

Backend: Node.js, Express, Python, PostgreSQL, SQLite, Jest, Heroku, Docker, Swagger

Projects

Family Promise Service Tracker, Backend Engineer  [Deployed Link](#)  Remote, Sep-Nov 2021

An iPad first web application to enable social service providers to log services provided to homelessness-at-risk families in the field and provide business analytics

- Developed new API endpoints in Node.js (Express) for location data, which enabled users to view geocoordinates on a map which are rendered via ReactMapGL
- Architected and implemented user role authorization via schema modifications that created necessary associations and via rewriting of ~50% of the API so that users can perform CRUD operations on records with which they are associated
- Collaborated with multidisciplinary team members use agile style development to ship MVP to stakeholders
- Wrote unit tests with Jest to ensure robust, scalable code and crafted thorough documentation using Swagger to provide helpful context to consumers of the API

Fitt, Fullstack Engineer  [Deployed Link](#) 

Remote, July-Aug 2021

A web application for fitness instructors to manage virtual classes, signups, and payments

- Built fullstack javascript application, using React (with Redux) for frontend, Node.js (with Express) for backend, PostgreSQL for database, testing with Jest, and deployed with Heroku and Vercel
- Architected transition in state management from prop drilling to Redux to improve future speed of development
- Designed and implemented permissions based UI using React and TailwindCSS to enable consistent, clear user interaction

Experience

SWORD Health, Director of Operations & Special Projects

New York, NY, 2019

SWORD is reinventing physical therapy using wearable motion tracking devices, remote PTs, and AI. Backed by Khosla Ventures and Founders Fund

- Led shift of supply chain of motion tracking devices (FDA approved medical device) from Europe to Shenzhen, China, which increased monthly production capacity by 1,000%
- Managed a cross functional team (product, engineering, legal, marketing, and operations) to deliver a new D2C distribution strategy in a six week deadline

Trade Ghana (YC W17), Cofounder & COO

Tamale, Ghana, 2017-2019

Trade built the first commodities exchange in West Africa. Backed by YC, Sam Altman, Peter Thiel, Founders Fund, Reid Hoffman, Geoff Ralston, and The Bill & Melinda Gates Foundation

- Led operations strategy and deployment for all field operations
- Grew Gross Merchandise Volume to \$2.7MM by launching operations in three cities, hiring and training 30+ employees, and writing playbook for launching in new markets

Education

Lambda School, Full Stack Web Development

Remote, 2021

Full time six month course covering Javascript, Python, React, Node, and Computer Science fundamentals

The University of North Carolina at Chapel Hill

Class of 2016

B.A. Economics & Global Studies, Pre-med