

# Dave Dwight

## Full-Stack Software Engineer

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### Skills

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

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

### Projects

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**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

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**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

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**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