

Dave Dwight

Software Engineer experienced designing and building fullstack applications. Fast researcher, strong writer, and enthusiastic about collaborating with others to build mission-critical products.

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Skills

Frontend: React (v16+), Redux, JavaScript, HTML, CSS, Gatsby, Tailwind CSS, Cypress, Vercel

Backend: NodeJS, ExpressJS, Python, PostgreSQL, SQLite, Jest, Heroku, Twilio, Docker, Swagger

Education

Lambda School, Full Stack Web Development

Remote, 2021

Full time six month program covering JavaScript, Python, React, Node, and Computer Science fundamentals

The University of North Carolina at Chapel Hill

Class of 2016

Bachelor of Arts, Double Major in Economics & Global Studies, Pre-med

Cumulative GPA 3.5 | Major GPA 3.9 | Dean's List, NC Fellows, Club Baseball

Universidad de Montevideo

Completed all coursework in Spanish | Focus in Latin American economics
and entrepreneurship | Played on varsity basketball team

July-December 2014

Key Accomplishments

- Founding team member of West Africa's first commodities exchange. Grew to over \$2.7MM in crops traded, reaching over 3,000 farms
- Early team member of SWORD Health, now valued over \$1B. Led development of Direct to Consumer business strategy
- Built a novel collateral and profit-sharing system for a distributed warehousing platform that decreased lost inventory by over 50%

Professional Experience

Family Promise, Backend Software Engineer

Remote, September-November 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

- Performed data modeling and processing and developed new API endpoints in ExpressJS for location data, which enabled users to interact with geocoordinates rendered with ReactMapGL
- Architected improvements and simplifications to PostgreSQL database schema via refactoring roughly half of all endpoints, which resulted in an improvement of development velocity, scalability, and application performance
- Wrote unit tests with Jest to ensure robust, scalable code and crafted thorough documentation using Swagger to provide context to consumers of the API
- Collaboratively worked with internal and external personas to deliver a delightful user experience

SWORD Health, Director of Operations & Special Projects

New York City & Porto, Portugal, 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
- Rapidly prototyped marketing landing pages using Webflow, Google Analytics, SEO, and digital marketing strategies

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
- Built interactive business operations dashboards using React, JavaScript, and PostgreSQL

Freelance

Over / Under, Fullstack Software Engineer

 [Deployed Link ↗](#)

Remote, February 2022-Present

A fullstack web application where users can vote on stock prices and challenge friends

- Designed and built fullstack JavaScript application, using React for frontend, NodeJS (with ExpressJS) for backend, PostgreSQL with Knex for database management, Twilio for One Time Password login and SMS notifications, deployed with Heroku and Vercel
- Partnered with stakeholder to plan deliverables, construct user stories, and design application UX
- Built HTTP requests to the Finnhub stocks API and shaped data to be delivered to the client
- Architected REST API to manage full CRUD operations for users and responses

Professional Associations & Certifications

- On Deck Founder Fellow (ODF7), completed in March 2021 (*Entrepreneurship fellowship where tech talent goes to start their next company*). Evaluated idea for cortisol tracking stress wearable, won Most Technical Build award for [NFT Printer ↗](#) during global build week
- Earned Data Analysis Certification from General Assembly in October 2020

Community Involvement & Personal Interests

- 6+ years volunteer experience, mostly with Comfort Zone Camp - a bereavement camp that provides community, counseling, and grief coping practices for children who have lost a loved one - and Los Tréboles - a community education center outside of Montevideo, Uruguay that provides community, educational enrichment programs, and food services for children living in impoverished neighborhoods
- Avid runner, hiker, skier, and Crossfit athlete. Completed one marathon and three half marathons. Currently training for the 2022 NYC marathon