



Dave Dwight

Software Engineer with experience architecting full stack applications at industry leading companies. Cross functional experience in product and operations at high growth, venture backed startups.

Contact

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Education

BloomTech

Class of 2021
Full stack
Web Development

UNC Chapel Hill

Class of 2016
BA, Economics
BA, Global Studies

Skills

React
AWS (2x certified)
Python
JavaScript
TypeScript
Node
SQL
Docker
GraphQL

Certifications

AWS Solutions Architect
Associate
AWS Cloud Practitioner
General Assembly -
Data Analysis

Work Experience

Software Engineer, CapTech Ventures

May 2022 - Present

- Led development of ETL pipeline powering a real-time scoring service using AWS Lambda, SQS, RDS, and Typescript, which improved scoring latency by 400%
- Rebuilt front page for a major sports organization that receives over 7M users per year using React, NextJS, Storybook, Contentful CMS, and MaterialUI
- Designed new information architecture for a high traffic, content based web application with a headless CMS (Contentful with NextJS), which resulted in a 200% improvement in page load time
- Technical lead for development of new marketing channel at major sports organization using React, Salesforce API, and Salesforce Web-to-Lead forms

Software Engineer, Independent Contractor

Dec 2018 - Dec 2019

- Designed and developed stock trading application using React, Node, PostgreSQL, Knex, Twilio, Heroku, and Vercel
- Designed and developed new website using JavaScript and WebFlow for a tech enabled wine storage company
- Wrote API endpoints in Express, performed data modeling, and refactored PostgreSQL database schema for iPad first map application used by a non-profit organization serving the homeless population

Director of Operations & Special Projects, Sword Health

May 2019 - Jan 2020

- Second US employee at venture backed, high growth digital health company reinventing physical therapy using wearable motion tracking devices, remote PTs, and AI
- 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
- Led strategy and built business processes to maximize therapist to patient ratio for new model of physical therapy care, leading to a 200% increase in patients handled per provider

Cofounder & COO, Trade

Jan 2017 - Feb 2019

- Trade built the first commodities exchange in West Africa with investments from 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, launching point of sale partners, cash agents, transport and warehouse partners in 3 major cities, resulting in over \$2.7MM gross merchandise volume
- Operationalized new market playbook, which standardized processes for identifying high potential locations, forming tribal partnerships, creating viral word-of-mouth led growth, and hiring high performing local operators
- Built new business operations function, leveraging real time data collection at storage locations plus our event driven digital exchange to track and optimize supply load throughout our network of warehouses, which significantly improved storage visibility and dissolved transportation bottlenecks