



# Dave Dwight

Software Engineer with 3+ years full-stack experience and 3+ years ops leadership (ex-YC co-founder). Built products in commodities, payments, logistics, healthcare, and financial compliance.

## Contact

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## Education

### UNC Chapel Hill

Class of 2016  
BA, Economics  
BA, Global Studies

### Bloom Tech

2021  
Full-stack JavaScript  
Development, Algorithms  
& Data Structures

## Skills

Python  
TypeScript  
JavaScript  
AWS  
React  
NextJS  
Node  
SQL  
Docker  
GraphQL

## Certifications

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

## Experience

### Senior Consultant - Software Engineer, CapTech

December 2024 - Present

#### Remote

- Migrated insider-trade monitoring API from AWS Lambda to Fargate, cutting latency from 45s to <3s via RDS connection pooling, read replicas, and query indexing.
- Engineered Lambda based ETL for loan and trade data (100k+ rows per day): Parquet to JSON, S3 and RDS storage, automated compliance summaries (Python, PostgreSQL, DynamoDB).
- Optimized performance and reliability across AWS and backend services: performed request caching, query optimization, data reconciliation automation, and codebase modularization (Fargate, Lambda, RDS, DynamoDB, Python, FastAPI).

### Consultant - Software Engineer, CapTech

May 2022 - December 2024

#### Remote

- Architected a real-time scoring ETL that cut latency by 80%: 2.3s → 450ms (AWS Lambda, SQS, RDS, TypeScript).
- Rebuilt homepage for top US sports brand with 7M annual users (React, NextJS, Storybook, Contentful, MaterialUI).
- Developed new marketing acquisition channels, increasing form completions by 300% (React, Salesforce API + Web-to-Lead).

### On Deck Founder Fellow

Jan 2021 - March 2021

#### Remote

- Selected for the seventh cohort of the On Deck Founder Fellowship. Ideated, prototyped, and user-tested MVPs in digital health, wearables, behavior change, and crypto.

### Software Engineer, Independent Contractor

Jan 2020 - April 2022

#### Remote

- Built and launched a prediction app where users wagered on short-term stock moves; implemented end-to-end settlement workflows and SMS alerts (React, Node/Express, PostgreSQL/Knex, Twilio, Heroku, Vercel).
- Rewrote API and data layer for a map-based platform that helps nonprofits coordinate services for unhoused residents, enabling volunteers to add locations, update inventory, and flag needs in real time. Cut query latency by ~50% (TypeScript, Node, Knex, PostgreSQL).

### Director of Operations & Special Projects,

#### Sword Health

May 2019 - Jan 2020

#### New York, NY

- Launched D2C strategy for digital healthcare startup using wearable sensors, tele-PT, and AI assisted care.
- Led partnership with new manufacturing partner in Shenzhen, defined product specifications, and coordinated production planning for new product lines.

### Co-founder & COO, Trade (YC W17)

Jan 2017 - Feb 2019

#### Ghana

- Scaled a commodities marketplace to \$2.7M+ GMV. Owned ops strategy, launched 5 markets, hired and managed local field teams, and onboarded 1,000+ farmers.
- Created playbook to identify and activate strategic farmer networks; secured transport, storage, and payment partners; built internal systems to track inventory, payments, and transactions.