Tim Farrell
Senior Product Manager

email | portfolio | linkedin
3 Ward St, Somerville MA, 02143
856-904-6017

SUMMARY

- Product leader/ builder with 6+ years experience developing data/ AI solutions in bio/ health
- "High velocity" individual with technical skills and a decade of operations/ leadership experience

RELEVANT EXPERIENCE

OM1 – Boston, MA

Senior Product Manager | 2024–Present

- Lead development for phenotyping and risk prediction solution, powered by a proprietary generative AI model. Perform prototyping/ discovery to validate and launch new products.
- Manage analytics platform that improves product discoverability and has reduced delivery costs by 80%. Led development of AI agent that increased usability for non-technical users.

Product Manager | 2022–2024

- Used partnering approach to deliver fully-featured browser-native data analysis product at very low cost, ultimately leading to deals worth $1.75M in TCV.
- Managed data platform for real-world data and precision medicine solutions, which grew revenue 50% YoY and includes data on 300M+ patients. Oversaw extraction and estimation model development, which increased available observations by 4X+. Improved roadmap, prioritization and release processes.

Day Zero Diagnostics – Boston, MA

Product Manager | 2021–2022

- Became product lead for company's first commercial offering: outbreak detection sequencing solution for hospital systems. Facilitated CLIA certification, so offering could be ordered as a lab test. Grew service from 1 deal/ quarter to 1-2 deals/ month.

Manager, Bioinformatics Engineering | 2020–2021

Bioinformatics Engineer | 2019–2020

- Developed data platform that supported ML model training and development. Grew data assets 35% YoY using partnerships and public data, ultimately building one of the largest datasets of its kind. Technology eventually acquired by bioMérieux.

Broad Institute of Harvard and MIT – Cambridge, MA

Computational Biologist | 2017–2019

- Built cloud-based data system for malaria genomics. Performed analysis for phase IV vaccine clinical trial. Conducted research on amplicon sequencing error correction.

US Army Reserve

Operations Officer | 2012–2021

- Part-time military leader (2 days/ mo + 4 weeks/ yr). Managed operations of 100+ soldiers.
- Deployed/ activated in 2016 - 2017 (OFS) and Apr - Jun 2020 (COVID-19).

EDUCATION

Boston University | 2014–2016

Master of Science, Bioinformatics
Activities: West End House Tutor (Chemistry and Math)

Rutgers University | 2008–2012

Bachelor of Science, Biomedical Engineering
Activities: Army ROTC (Top 10%)

SKILLS

Product Management
Roadmap planning, Agile, Release management, Go-to-market strategy

Data & AI
Platform development, Data sourcing/ labeling, Model evaluation, Model lifecycle

Domain Expertise
Real world data (EMR/ EHR, claims, provider, etc), Genomics, Clinical trials

Standards & Formats
BAM/ FASTQ, CLIA, CPT, DICOM, HDF5, HIPAA, ICD, LOINC, OMOP, SNOMED, RxNorm, VCF

TOOLS

Cloud Platforms
GCP, AWS

Data Analysis
Jupyter, SQL, Python, R

Data Technologies
Snowflake, Databricks, Hex, dbt, BigQuery

Design/ Prototyping
Figma, Canva, Lovable

Programming
Python, Javascript/ React, Cursor, Docker, bash

Work Management
Jira, Slack, Google Workspace, Confluence

PROFESSIONAL DEVELOPMENT

AI Product Management
Duke University/ Coursera
2025

Certified Product Owner
Product HQ
2022