

About

I'm a hands-on engineer with a track record of building technology and teams for ambitious products. I've worked across the stack & led teams, helping deliver projects ranging from polished product experiences to large-scale data and ML systems. My background spans early-stage products, scientific platforms, and engineering orgs at some of tech's most respected companies.

Professional Experience

Earthmover

Software startup building storage and compute platforms for scientific data teams

Founding Engineer → Head of Platform | 2022 to 2024

- Built and launched a full-stack platform for large-scale scientific data collaboration in the cloud. Led platform development, shaped roadmap with founders, contributed heavily to the codebase, and engaged closely with early customers.
- Played a key role in securing our first two customers, testers, and a NASA engagement.
- Grew platform team from 1 to 3, led hiring, and built a strong engineering culture.

Moon Creative Lab

Venture studio creating new businesses from zero to one

Technical Lead → Senior Technical Lead & Engineering Manager | 2020 to 2022

- Led development and launch of Moon's first production-ready product, an enterprise SaaS platform supporting tens of thousands of users. Delivered a great product experience amidst a backdrop of enterprise-grade auth, security, and legacy integrations.
- Scaled engineering to 7 across the US and Tokyo. Built a growth-oriented culture, creating development paths, stretch opportunities, and supporting multiple promotions.
- Contributed across the incubator: technical due diligence, architecture support, and hands-on help for active ventures.
- Initiated Moon's first engineering offsite and internal company-wide hackathon, now a global biannual event fostering collaboration and new ideas.

Leeward Co.

Consultancy specializing in ML and data systems for scientific domains

CTO | 2016 to 2020

- Founded a consultancy delivering cloud data and ML systems for scientific teams, hitting over \$1M ARR in our first year.
- Helped clients navigate ambiguous challenges in real-world data environments in climate, satellite imagery, acoustics, and insurance domains.
- Led a compact team (5) and owned project scoping, architecture, client relationships, and delivery

The Climate Corporation

AgTech products focused on yield optimization through modeling. Acquired for \$1+Bn

Engineer → Senior Engineer → Staff Engineer, Data Platform | 2011 to 2015

- Developed and operated Climate's core vector storage and search system powering model development and customer-facing apps; handled 1B+ features and 100s of QPS - Climate's most relied-upon platform service.
- Enabled the company's expansion to multiple verticalized product lines by re-architecting Climate's front-end web stack to support decoupled development across multiple teams.
- Delivered mapping and sales tools for a critical launch year; received the company's top individual contribution award
- Active role in post-acquisition integration and consolidation of projects and teams across organizations.

Google

Search and advertising: Support & Sales division

Associate → Developer, EMEA Operations Team | 2008 to 2011

- Built real-time tools used by 100s of salespeople to surface high-impact AdWords account changes; supported two record-breaking quarters
Led a small team building internal dashboards and reporting tools for global sales and operations
- Provided hands-on support for Google Analytics implementations across EMEA enterprise customers
- Earned early promotion, Python readability status, top performance reviews, and the EMEA Platinum Award

Education

M. Sc. Computer Science, UCD, Ireland – 1st Class Honors

B. Comm. Information Systems, UCD, Ireland – 1st Class Honors