

Nick Bogert

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Introduction: I am a seasoned people-first engineering and product leader with a broad range of experience spanning engineering leadership, product management, data engineering and analytics. I'm passionate about building vibrant, innovative teams that use data and technology to improve people's lives.

Summary of Qualifications:

- 8+ years leading high performing engineering teams up to 21 Engineers, PMs, and scientists to deliver customer-facing cloud-based software that utilize data, AI & ML to improve the customer experience.
- *Key Skills:* engineering leadership, product strategy, A/B testing, machine learning / AI, SQL, Python, prompt engineering, data pipelines / analysis / visualization, system design, AWS Cloud.

Amazon.com (2011 – Present)

Engineering Manager, Weblab, March 2025 – Present

- Delivered a modern, more scalable + maintainable analytics engine for Amazon's A/B testing platform to power processing 7T triggers daily, 1.5M analysis annually for experimentation across Amazon resulting in 50% ops reduction; 100x analysis job speed-up, and improved analysis accuracy (+15%) vs. legacy engine. AWS (Airflow, ECS, Lambda) + Spark + Python
- Migrated A/B Testing platform frontend from legacy Java/Spring monolith to Node.js microservices, and hardened critical control plane functionality resulting in improved scalability, cost, availability.
- Integrated "Weblab Bar Raiser AI" post-experiment summary generation & pre-experiment writeup coach, reducing experiment setup & post-processing time by ~60%. (Claude + RAG + MCP)

Head of 3D Synthetic Spaces (3DS3), July 2023 – March 2025

- Led development of [synthetic 3D showrooms](#) from PoC to being a core part of Amazon 2024 Holiday Marketing strategy, serving multiple 1000s of transactions/second and \$100Ms in revenue.
- Made a high-judgment decision to sunset the team's existing product: Proposed a more immersive and scalable 3D alternative, which drove ~3x revenue and 83% ops burden reduction in its first year.
- Co-Founded an A/B testing center of excellence, improving experimental design worth >\$1B in 2024.

Sr. Manager, Software Engineering, July 2020 – July 2023

- Single threaded leader & founder of Home Improvement Tech organization (3 teams, 2 managers, 2 PM, 17 Engineers). Grew ~3x from 6 engineers & financial impact from \$0 to \$100M's annual revenue.
- Built a highly scalable, available, and maintainable suite of cross-category customer facing features.
- Led (2) internal centers of excellence (Privacy [founder] & Experimentation) for 1000+ person org.

Software Engineering Manager, Apr 2017 – July 2020

- Proposed & led (As engineering manager and acting product manager) "Save or Upgrade" (SoU) team (5 engineers, 1 scientist). Modeled customers' product value perception using ML and search + sales data; Generated recommendations and explanations for product upsell/downsells driving +5% sales.

Senior Technical Product Manager, Sep 2014 – Apr 2017 (Promoted Oct 2015)

- Built [Amazon ConfirmedFit](#) data onboarding program spanning 18 global retail teams, 50+ data professionals, fulfillment centers, and more. Amassed a database of over 1 billion product relationships. Increased sales of compatible parts & accessories on Amazon by +80%.
- Designed and developed the production data ingestion pipeline (Python + Linux + SQL + AWS) to ingest, validate, and update compatibility relationships.

Supply Chain Capacity Analyst, Aug 2011 – Aug 2014

Intel Corporation (2006 – 2011)

Education

- **Master of Business Administration** – Arizona State University. Tempe, AZ. 2009.
- **Bachelor of Science Industrial Systems Engineering** – University of Washington. Seattle, WA. 2006.
- **Datacamp Courses** – Prompt Eng., Agentic System Design, Databricks, Snowflake, Kafka, Kinesis.