Andrés Tobacia

Senior Technical Program Manager | Supply Chain & Operations | AI-Enabled Operations

Austin, TX | andrestobacia@gmail.com | linkedin.com/in/jatobacia | tobacia.space | English / Spanish

PROFILE

Industrial Engineer and program leader with 17+ years in aerospace and industrial supply chain & operations. I automate the operations work others still run by hand, and I deliver programs from development into production for human spaceflight and satellite programs at Blue Origin.

HIGHLIGHTS

- Built and deployed 20+ production AI agents for operational intelligence, adopted by 870+ users.
- Delivered $11M+ in cumulative cost savings and negotiated $30M+ in aerospace supplier contracts.
- Supply chain owner across 12+ crewed New Shepard missions while protecting flight cadence.
- Led an enterprise-wide procurement platform migration with zero interruption to production.
- Founded and scaled an industrial distribution company to $1.2M in annual revenue.
- Shipped 9 personal AI apps solo, live at tobacia.space (RFQ parsing, supplier matching, risk monitoring).

EXPERIENCE

Blue Origin, Senior Technical Program Manager, TeraWave — Sep 2026 - Present

Blue Origin, Senior Supply Chain Program Manager, Global Strategic Projects — Aug 2025 - Sep 2026

Blue Origin, Supply Chain Program Manager III, New Shepard — Jul 2022 - Jul 2025

Anything Flows LLC, Founder & General Manager — Aug 2018 - Jun 2022

Weir Group, Lockwood, Rotork, Cameron (SLB), Emerson, Sr. Sales Engineer & Project Manager — 2008 - 2018

EXPERTISE

Program management & production readiness · Sourcing & supplier strategy · Contract negotiation · Cost reduction · ERP / procurement platform deployment · MRP & shortage recovery · AI agents & workflow automation (Python, LLM APIs, MCP)

EDUCATION & CERTIFICATIONS

- B.S. Industrial Engineering, Texas A&M University
- Supply Chain Management & Digital Transformation, MIT (2025)
- AI Agent Systems Development (Claude API & MCP), Anthropic (2026)
- Entrepreneurial Operations & Negotiation, Harvard (2019)