

Justin Napolitano

Product Engineer

SKILLS

Azure AI Search, Internal analytics tools, Public web data collection, AI vendor evaluation, Azure AD, Azure App Service, Azure Container Registry, Azure SQL, Browser automation, Cloud Functions, Customer segmentation, Data enrichment, Executive analytics dashboards, Google Analytics, Microsoft Graph API, Responsive UI Systems

EXPERIENCE

Analytics Engineer

Apr 2022 - Apr 2024

Penske Media Corporation

- Applied systems thinking across product strategy, experience design, API design, data modeling, and technical implementation while building analytics and automation tools for
- Built and shipped full-stack software across Next.js, Flask, Python services, Azure, GCP, Snowflake, and Looker while owning maintenance, code quality, and system reliability
- Designed and integrated service-based architectures with APIs including Looker API, Microsoft Graph API, Python services, Azure cloud functions, GCP cloud functions, Treasure

Data Engineer

Aug 2025 - Present

AdventHealth

- Modeled registry data from source-specific schemas into canonical reporting structures
- Built pipeline support for Extracorporeal Life Support Organization ECMO registry data
- Owned Azure Data Factory deployment

Data Products & Automation

Jan 2020 - Apr 2022

BTJN

- Turned client data requests into reusable Python, SQL, Postgres, browser automation, API, GCP, and cron-driven pipelines that delivered enriched lead lists and automated CSV
- Converted repeat client data requests into reusable browser automation, API, and cron-driven pipelines deployed on GCP with logging
- Built Python and SQL workflows that collected public web data, enriched lead records, and delivered market-specific CSV reports for clients

PROJECTS

JaySearch Built JaySearch around product, design, and build workflows that turn bounded technical questions into evidence-backed candidate solutions, code experiments, evaluations, and recommendations.

JayGraph Built an API-first metadata graph for public work, private career facts, selected projects, site projections, and agent workflows.

EDUCATION

BA, Political Science University of Central Florida · August 2017