

Jonathan Murphy

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SUMMARY

Full-stack developer and operations-focused data analyst with experience designing and deploying internal web applications, automation tools, and reporting systems for healthcare, logistics, and multi-location retail operations. Strong emphasis on data accuracy, reliability, and reducing manual workflows. Comfortable owning solutions end-to-end, from database design and backend APIs to user-facing tools and infrastructure. Uses AI tools to accelerate development while maintaining a high standard for correctness and maintainability.

EXPERIENCE

Logistics & Healthcare Technology Developer

Republic EMS — Magnolia, TX | 2024–Present

- Designed and built internal applications supporting dispatch, scheduling, compliance, and inventory operations.
- Developed rules-based scheduling systems in Python/PostgreSQL enforcing staffing constraints such as role pairing, rest windows, and consecutive shift limits.
- Built dispatcher-to-crew communication tools (PWA + React Native) supporting push notifications, SMS, and tap-to-route links.
- Digitized medical compliance and inspection workflows with expiration tracking, reporting, and PDF exports.
- Deployed and maintained production systems on Ubuntu servers using systemd services, Cloudflare Tunnels, and Tailscale for secure access.

Operations Data Analyst

BlueWave Express Car Wash — Houston, TX | Jan 2018 – May 2023

- Designed and maintained Excel-based financial and operational models used across all car wash locations, including a deposit calculator tracking daily cashflow by site.
- Built a centralized Microsoft Access database to track reported vehicle damages and customer claims, improving consistency and auditability of incident records.
- Produced recurring and ad-hoc reports illustrating traffic volume, sales performance, and operating expenses for leadership review.
- Used SQL extensively to query vendor-managed databases containing raw sales data, validating metrics and ensuring accuracy across internal reports.
- Acted as a bridge between operations, finance, and vendors by translating raw data into clear, actionable insights.

EDUCATION

Bachelor of Science in Political Science

Texas A&M; University