

Dylan Marin

Full-Stack Software Engineer | AI Applications & Automation

me@nalyd.dev | nalyd.dev | marin-dylan

Summary

Full-stack software engineer building AI applications, logistics software, and deployment infrastructure. Delivers business workflows from architecture and integrations through testing and production operations.

Experience

DNA Supply Chain Solutions, Lead Software Engineer Jan 2024 - present

- Built an AI-assisted freight-rate pipeline handling **1,500+ ingestion jobs and up to 7.2M rate records**, combining LLM extraction and deterministic parsers for emails, PDFs, and spreadsheets with validation, deduplication, and review workflows.
- Developed **Juno**, an AI quoting agent that extracts shipment details, retrieves approved rates and past quotes through LLM tool calling, and prepares structured quote drafts with pricing validation and user approval.
- Built DNA Mastery's quoting application, used to generate **4,000+ quotes over the past year**, reducing typical preparation from **30-45 minutes to about 20 minutes**.
- Own logistics platforms supporting approximately **300 clients and 7,000-10,000 shipments annually** across quoting, tracking, billing, and EDI workflows.
- Modernized legacy PHP/MySQL functionality with Node.js, TypeScript, and React; reduced operational dashboard load times from **80-90 seconds to 1.26 seconds**.

Centreville Tech, Full-Stack & DevOps Engineer (Independent Contractor) 2025 - present

- Implemented and maintained Docker packaging and GitHub Actions deployment workflows across **20+ repositories**, supporting versioned container releases and separate staging and production environments.
- Developed the Laravel and React/TypeScript control plane for a multi-tenant ISP camera platform, centralizing tenant onboarding, camera management, encrypted credentials, and Docker stack deployment.
- Automated remote connector provisioning and improved camera-stream recovery and timelapse processing through bounded caching and scheduling that prevents long-running jobs from delaying shorter renders.
- Enhanced an address-validation service combining deterministic matching with LLM fallback, adding regression tests and evaluation tooling for ambiguous inputs.

NetRise, Software Engineer (via Centreville Tech) May 2026 - present

- Independently delivered NetRise's corporate website migration through Centreville Tech in **under six weeks**, earning a **one-year client retainer** following completion.
- Migrated hundreds of HubSpot CMS content pages to Next.js, TypeScript, Sanity, and Vercel through reusable React templates and structured content, maintaining URL continuity through redirects.
- Directed AI-assisted development using Cursor, Claude Code, and Codex, owning architecture and implementation while validating changes through code review, automated tests, and visual QA.

Technical Skills

AI & Automation: LLM tool calling, structured outputs, RAG, OpenAI API, Qdrant, n8n

Languages & Web: TypeScript, JavaScript, PHP, SQL, Bash; React, Next.js, Node.js, Laravel, Express

Data & Integrations: MySQL, Redis, Sanity CMS, REST APIs, EDI, JWT/session authentication

Delivery & Infrastructure: Docker, GitHub Actions, GHCR, Portainer, Tailscale, Vercel, Linux

Earlier Experience

DNA Supply Chain Solutions, Account Manager June 2020 - Dec 2023

- Managed logistics for enterprise clients, coordinating 500-1,000 containers annually.

DNA Supply Chain Solutions, Operations Analyst Oct 2019 - June 2020

- Validated shipment and billing data in the company ERP across customs, invoicing, and tracking workflows.

Certifications

CompTIA A+: Earned October 2023