

Douglas Kadlec

Full Stack Engineer

Node.js • SQL • E-commerce • Internal Tools • Business Systems

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Summary

Full-stack engineer with 4 years of professional experience designing, building, and maintaining real-world web systems that support revenue, operations, and business-critical workflows. Strong generalist with deep experience across backend, database, and frontend layers, with a particular focus on e-commerce platforms, ERP integrations, and the custom tooling that keeps them running. Known for stepping into complex, underspecified problems and delivering reliable solutions – including data migrations, ETL pipelines, and checkout systems – with full ownership from concept to production.

Technical Skills

Backend & Data

Node.js, Express, MySQL, Redis, REST APIs, ETL pipelines

Frontend

HTML, CSS, SASS, JavaScript (ES6+), Pug, React, TypeScript

Integrations & Platforms

Authorize.net, PayPal, Google Pay, FedEx, USPS, Google ecosystem (Merchant Center, Analytics, Search Console, Structured Data, Places, reCAPTCHA), Cloudflare Turnstile, Pushover

Systems Experience

Fishbowl ERP, Partrap ONE, Heroku, internal tooling

Professional Experience

Omniforce Records

Independent record label and e-commerce platform

Founder & Sole Developer

August 2025 – Present (Remote)

- Conceived, designed, and built a full-stack e-commerce platform from the ground up.
- Implemented backend services with Node.js, Express, MySQL, Redis, and Pug.
- Integrated PayPal payments and automated signed-URL digital product delivery.
- Deployed and currently maintain a live production system processing real customer orders.
- Own all aspects of the platform: architecture, development, deployment, and ongoing improvements.

APW Inc.

Multi-million-dollar aftermarket parts distributor

Full Stack Engineer

June 2022 – August 2025 (Remote)

- Took ownership of a failing e-commerce launch and delivered a custom checkout system under a non-negotiable March 1 deadline, enabling the company to capture its peak spring/summer season (approximately 80% of annual revenue).

- Designed and implemented end-to-end checkout, payment processing, shipping integrations, and real-time sales-order synchronization with Fishbowl ERP.
- Built a custom Node.js migration and sync tool to move 3M+ rows of product and inventory data from Fishbowl MySQL to Azure SQL after external vendors were unable to deliver a viable solution.
- Created a production ETL pipeline that processes and uploads 10,000+ products daily to Google Merchant Center, taking the store from zero Google Shopping presence to full catalog coverage.
- Modernized and fully customized the storefront UI/UX using Node.js, MySQL, Pug, vanilla JavaScript, and SASS to improve clarity, trust, and usability.
- Reduced lost sales during peak demand by implementing Zoho Chat and Zoho Forms, improving customer communication and lead handling.
- Worked autonomously in a fully remote role for the final two years, coordinating with sales, warehouse, and leadership on revenue-critical systems.

Operations and Warehouse Experience

October 2020 – June 2022

- Worked directly with inventory, receiving, picking, packing, shipping, and fulfillment workflows.
- Gained hands-on understanding of ERP-driven inventory management, order processing, and warehouse operations.
- Promoted internally to full-stack engineer role after demonstrating technical capability and solid operational knowledge.

Education

Primarily self-taught, supplemented by 46 credits of Computer Science coursework at Portland Community College (4.0 GPA).