

Jonny Dalglish

Technical Director · Full-Stack Rails, E-commerce & iOS Developer

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Technical Director and hands-on developer with 15+ years designing, building, and running software products end to end — from product design and database modelling through to deployment, monitoring, and support. Founded and scaled a 15+ person digital agency serving e-commerce brands and enterprise clients (Visa, Tourism Australia, Mars Foods). Deep in **Ruby on Rails**, **Shopify** and **native iOS (Swift)**, with a track record of complex integrations across ERP, CRM, payments, accounting, and AI platforms. Equally comfortable writing the code, shipping it to production, and leading the team that maintains it.

CORE EXPERTISE

Ruby on Rails & Backend

Rails 5–8.1, Hotwire (Turbo/Stimulus), Rails Engines, ViewComponents, Sidekiq & Solid Queue, REST & JSON APIs, Action Mailbox/inbound email, Minitest

Mobile — iOS & Swift

SwiftUI, UIKit, SpriteKit, WidgetKit, App Intents & Siri Shortcuts, Live Activities, Keychain, App Store submission; Capacitor hybrid apps

Databases & Data

PostgreSQL, SQLite (multi-database production), MySQL, schema design, multi-tenancy, data migrations & sync pipelines, Algolia search, reporting

Full Product Design

Discovery through launch: requirements, UX flows, UI design systems, Tailwind CSS, responsive & accessible front ends, prototyping, iteration from user feedback

E-commerce & Shopify

Custom & embedded Shopify apps, Admin/Storefront GraphQL APIs, Shopify Functions, Checkout UI extensions, Liquid themes, platform migrations, Stripe

Deployment & Infrastructure

Kamal & Docker, DigitalOcean, AWS, Google Cloud, GitHub Actions CI/CD, Nginx, zero-downtime deploys, backups, security scanning (Brakeman, bundler-audit)

APIs, Integrations & AI

Salesforce, Pipedrive, Ostendo ERP, Wave (GraphQL), Unleashed, CloudBeds, Mailgun, Gmail/Drive/YouTube OAuth; OpenAI, Claude & Gemini integrations

Leadership & Management

Built and led teams of 15+; hiring, coaching, delivery planning, estimating, client relationships, SLAs, and long-term technical strategy

EXPERIENCE

Founder & Technical Director

2009 – Present

30acres.com.au (Australia) · Loadout (loadout.ca, Ottawa)

- Founded and scaled a digital product agency to **15+ staff** across design, development, and infrastructure; owned hiring, delivery, service levels, and technical strategy.
- Delivered e-commerce builds, Shopify apps, and integrations for brands including **Tigermist**, **WickedWeasel**, **Fliteboard**, **HarTru**, **Solar Outlet**, **Pure Yoga**, **Enspire Furniture** and enterprise clients **Visa**, **Tourism Australia**, **Mars Foods**.
- Built **Middly**, an in-house e-commerce data platform refined over 10+ years — 10+ platform connectors (WooCommerce, BigCommerce, Magento, Neto, Squarespace), 30+ data transformations, AI-assisted field mapping and pre-import validation for Shopify migrations.
- Led architecture for **TurfDrive**, a bi-directional Ostendo ERP ↔ Pipedrive CRM sync (672 hours, **\$100K+** engagement) with background workers, conflict handling, and an admin dashboard.

- Designed, built, and operate **loadout.ca** — a Rails 8.1 business platform with client portal, AI-assisted ticketing, Stripe payments & subscriptions, Wave accounting sync, inbound email routing, and video generation — deployed with Kamal to DigitalOcean through a GitHub Actions pipeline.
- Published 4 open-source Ruby gems (pipedrive-api, offers-system, api-token-manager, unsplashed-image-selector).

Web, Production Technology & VIP Operations — Bryan Adams World Tour

2022 – Present

- Designed and built the tour's software: fan **Setlist Requester**, **Loadout Advance** show-advancing platform (web + native iOS), **TourChamp** crew compliance, and an iPad chord-chart app for VIP sessions.
- Lead VIP Meet & Greet operations for 50+ guests per show; recruit and manage local teams of 5+ in each market.
- Combine Spotify, Apple Music, and Google Analytics data into per-city audience insights for setlist decisions.

Live Events Production

2022 – Present

Live Nation (Production Assistant) · ESCAPADE Music Festival (Site Manager, 2026)

- On-site production, logistics, and vendor coordination — real-world operations experience that feeds directly into the event software I build.

CUSTOM APPS & PRODUCTS BUILT

NATIVE IOS & MOBILE

Loadout Advance for iOS

Native companion to the web platform: full show-advance editing, day sheets & PDFs, calendar, AI inbox, uploads, home-screen widgets, Live Activities run-of-show, crew-call alarms and Siri Shortcuts.

SwiftUI · WidgetKit · App Intents · ActivityKit · Rails JSON API

City of Om App

iOS app for Ottawa's largest wellness festival — schedule, bookings, and festival map, taken through App Store submission; content served from a Rails API.

iOS · Capacitor · Rails API

GitHub Actions Monitor

macOS menu-bar app tracking CI/deploy status across every repo, with pass/fail notifications.

Swift · AppKit · GitHub API

Roadie Wars

Original Megaman-style platformer — play a roadie defending the band from zombie groupies. Game design, art pipeline, and engine code.

Swift · SpriteKit · iOS

VIP Chord Charts

iPad app of songs and chord charts for Bryan Adams VIP sessions, designed hands-free for use on a stand mid-performance.

Swift · iPadOS

E-COMMERCE & SHOPIFY

Middly Migration Platform

Multi-platform product/customer/order migration into Shopify with AI field mapping, variant handling, SEO redirects, and validation.

Ruby · Shopify Admin GraphQL

Casa De Cobre Sync

Bi-directional Unleashed inventory ⇔ Shopify sync for products, stock, and orders.

Rails 8.1 · Unleashed API · Shopify

GCKESync

Multi-supplier product feed sync to Shopify — variants, metafields, attachments, and supplier CRM notes.

Rails · Shopify API

HarTru BuildOn

Resource hub with document library, Algolia full-text search, interactive tennis-court customizer, and Shopify integration.

Rails · Algolia · Shopify

Shopify Functions & Extensions

Quantity-break auto discounts, checkout UI extension with customer-based metafield filtering, and a credit-card surcharge app (Fliteboard).
Shopify Functions · Checkout UI · Remix

BUSINESS PLATFORMS & SAAS

Loadout Advance (web)

Production advance & day-sheet generator: contacts, schedules, IATSE crew calls, catering, security, rooms — with AI extraction from inbound advance emails.
Rails 8 · Hotwire · AI

TourChamp

Touring-crew compliance — passports, visas, Schengen day-counting, and expiry alerts.
Rails

SolarAI & SolarCutters

Multi-tenant AI CRM for solar contractors, and an industry membership platform with payments and document sharing.
Rails 8 · Stripe · AI

Axmu

AI-powered project management with automated time tracking and team collaboration.
Rails 8 · AI

loadout.ca

Agency platform: client portal, AI ticket triage & PR drafting, invoicing, Stripe subscriptions, Wave sync, Mailgun inbound email, YouTube uploads.
Rails 8.1 · SQLite · Solid Queue · Kamal

Custom Shopify Themes

Storefront builds and customization for HarTru, Enspire Furniture, API Aquaculture, Jatala, and others.
Liquid · Online Store 2.0

TurfDrive Integration Hub

Ostendo ERP ↔ Pipedrive bi-directional sync with admin dashboard, plus a mock ERP API for integration testing.
Rails 8.1 · PostgreSQL · Sidekiq

Setlist Requester

Fan song-request platform for the Bryan Adams world tour with per-city request analytics.
Rails

Swift Beds

Hotel operations system — occupancy, guests, food orders, and reporting, integrated with CloudBeds and SwiftPOS.
Rails · CloudBeds · SwiftPOS

City of Om & Capital Pyrotechnics

Festival platform (bookings, map builder, shop) and a fireworks company site with admin CMS.
Rails 8

Infrastructure Tooling

DigitalOcean droplet provisioning for Kamal (block storage, firewalls), and a reusable Rails ViewComponents UI library.
Ruby · DigitalOcean API · ViewComponent

TECHNICAL SKILLS

Languages: Ruby, Swift, JavaScript/TypeScript, SQL, Liquid, GraphQL, HTML/CSS
Frameworks: Ruby on Rails, Hotwire, SwiftUI, SpriteKit, React/Remix, Tailwind CSS, Capacitor
Data & Jobs: PostgreSQL, SQLite, MySQL, Solid Queue/Cache/Cable, Sidekiq, Redis, Algolia
DevOps: Kamal, Docker, GitHub Actions, DigitalOcean, AWS, Google Cloud, Nginx, TestFlight & App Store Connect
Payments & Business: Stripe, Shopify Payments, Wave, Salesforce, Pipedrive, Ostendo, Mailgun

EDUCATION

Algonquin College — Digital Electronics Diploma (1999)

LANGUAGES & REFERENCES

English (fluent), French (comprehension). References available on request.