

David Rigaux

Engineering Leader

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Summary

Engineering leader at The Bradery, a flash-sale e-commerce company running ~1M orders/year and ~4.5M customers across two Shopify Plus stores. I built their mobile app as an agency engineer first, then they hired me to run the tech. Founded the engineering team and rebuilt the platform from the foundations up (event-driven AWS, mobile, web, internal tooling). Grew up in London, based in Paris. Native French, bilingual English, some Mandarin.

Experience

Technical Lead, The Bradery – Paris, France Dec 2025 – present

- Lead engineering for a flash-sale e-commerce platform running ~1M orders/year and ~4.5M customers across two Shopify Plus stores. I own all architecture and technical direction, reporting to the founders.
- Led a full platform rework to event-driven AWS via CDK/IaC (EventBridge, SQS/SNS, Aurora Serverless v2, Cognito SSO), with a new backoffice, mobile app and website. Shipped with zero downtime, consolidating two legacy databases into one via AWS DMS.
- Drove a platform-wide Valkey caching layer. App-load latency fell from ~2.2s to ~5ms at p50 (p95 ~60s to ~2.9s), and offloading the database let us scale the infrastructure back down.
- Designed a new business data model and folded 4 internal tools into a single backoffice, giving the product team ~1h/day back and automating 10+ steps per operation.
- Drove team-wide AI adoption across the company, including cross-team workshops.

Lead Software Engineer, The Bradery – Paris, France Sept 2023 – Dec 2025

- Founded the engineering team from zero. Hired all 7 engineers, built the interview process end-to-end, and structured the team into 3 domain squads (B2C, internal tooling, B2B). Mentored an intern into a mid-level engineer.
- Rebuilt the mobile app from scratch in ~4 months, after the original agency-built version (which I had built at Galadrim) stopped holding at the company's scale. Crash rate, testability and observability were the drivers.
- Built a vendor-governance gateway (Redis token-bucket + SQS/Lambda) that eliminated third-party rate-limit failures under flash-sale spikes, sustaining peaks of ~125K events/day.
- Built multi-surface Shopify Plus integrations across Admin GraphQL, Storefront API, Checkout Sheet Kit (native in-app checkout) and Customer Account API OAuth/PKCE, plus Algolia, HubSpot, Klaviyo and BigQuery.
- Established CI/CD, a stacked-PR workflow, testing and incident postmortems. Core-api deploys went from 22 minutes to 6. Also led GDPR and security hardening (VPN, VPC segmentation, SSO).

Full Stack Software Engineer, TheFork (a TripAdvisor company) – Paris, France Apr 2022 – Aug 2023

- Designed and shipped the revamped B2B statistics section.
- Launched a micro-service backed by an Elasticsearch cluster.
- Owned a micro-service as code owner: guidelines, refactoring and code reviews.

Software Engineer, Founding Team, Infinity Crypto Trading Bot – Paris, France Apr 2022 – Apr 2023

- Founding engineer. Built a new web application with a redesigned interface and a more maintainable architecture on a new tech stack.

- Optimised queries and load times; collaborated with the founders on the product roadmap and architectural decisions.

Software Engineer to Lead Developer, Galadrim (agency) – Paris, France Oct 2020 – Mar 2022

- Built and led development of The Bradery's mobile app (React Native, 1M+ users) and its brand-partner dashboard for sales tracking and order dispatch, synced with Shopify and Google Analytics. I rebuilt both from scratch years later, after joining The Bradery.
- Built a native iOS application (SwiftUI) for a social network with 1M+ users.
- Promoted to lead developer. Mentored engineers, scoped client projects with the UX/UI team, and ran delivery.

Apprentice Artificial Intelligence Engineer, Atos – Bezons, France Sept 2019 – Sept 2020

- Built SOC / PDIS security-automation solutions and PSOC use cases.

Full Stack Software Engineer Intern, Station29 – Phnom Penh, Cambodia Apr 2019 – Sept 2019

- Built an Angular application with AliPay / WeChat Pay integration and client prototypes.

Skills

Languages: TypeScript / Node.js, Python

Backend: NestJS, Prisma, PostgreSQL, Redis, micro-services, serverless, OpenAPI

Frontend & Mobile: React, React Native, Expo, Next.js, SwiftUI

Cloud & Infra: AWS (CDK, EventBridge, SQS/SNS, Aurora, Lambda, Cognito), IaC, GitHub Actions, CI/CD

Observability: Datadog (APM, RUM)

Integrations: Shopify (Admin, Storefront, Checkout Kit, Customer Account API), Algolia, HubSpot, Klaviyo, BigQuery

Leadership: Architecture, technical roadmap, hiring & mentoring, code review

Education

CY Tech / EISTI, MEng in Computer Science – Cergy-Pontoise, France Sept 2015 – July 2020

- Diplôme d'ingénieur, Artificial Intelligence major.

Hanyang University, Computer Science (Exchange) – Ansan, South Korea Sept 2018 – Aug 2019

- Exchange year covering artificial intelligence, web design and game programming.

Languages

French: Native

English: Bilingual (raised in London)

Mandarin Chinese: Conversational (heritage)

Interests

Professional pyrotechnician, triathlon, design, photography