



# Emmanuel Cousin

Senior Software Engineer  
Technical Lead & Mentor

## CONTACT

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## CORE STACK

Ruby on Rails React  
TypeScript PostgreSQL  
MySQL Elasticsearch Redis  
Sidekiq Inertia.js Hotwire  
Tailwind CSS AWS AI / LLMs

## PAYMENTS

Stripe PayPal Web3

## LEADERSHIP

Architecture design  
Code review at scale  
Hiring & team building  
Mentorship  
Agile/Lean processes

## LANGUAGES

English (fluent)  
French (native)  
Portuguese (fluent)

## EDUCATION

ITEEM, Ecole Centrale de Lille  
Master's, Engineer Manager  
Entrepreneur  
Computer Science

## OPEN SOURCE

antiwork/gumroad (73 PRs)  
grape-jsonapi  
activerecord-deepstore  
activemodel-caching  
influxdb-query-builder  
provet-client

10+  
YEARS EXP.

3  
LANGUAGES SPOKEN

M.Sc.  
ENGINEER MANAGER

19  
RECOMMENDATIONS

## AT A GLANCE

I make teams ship better software. Whether through **architectural decisions**, thorough **code review**, or hands-on **mentoring**, I've spent my career making the people I work with better engineers. I focus on knowing **what to build** and helping teams build it well.

## EXPERIENCE

### Core Maintainer · Gumroad (Antiwork)

Aug 2025 – Mar 2026

CONTRACT REMOTE

Led the frontend architecture modernization and shipped major backend features including Stripe subscription lifecycle and fraud detection. Set quality standards through 425+ PR reviews and authored 68 merged PRs (48K+ lines) in 6 months.

- Designed the multi-phase migration roadmap from ERB/React on Rails to Inertia.js/React, enabling parallel execution by internal and OSS contributors
- Shipped Stripe subscription restart lifecycle, automated fraud detection, and extracted reusable domain concerns
- Orchestrated 270,000+ personalized Year in Review emails via Elasticsearch aggregation queries

### Senior Software Engineer · Spring.net

Jun 2024 – Apr 2025

CONTRACT REMOTE

Redesigned core investment platform systems, chose key technology decisions (InfluxDB for time-series data), and led codebase architecture improvements.

- Redesigned allocation management for pre-TGE and post-TGE deal lifecycles
- Chose InfluxDB as time-series backend for real-time token price tracking with Coingecko API
- Raised code quality standards through thorough reviews and refactoring

### Senior Software Engineer · Reprtoir

Jul 2021 – Apr 2024

CONTRACT REMOTE

Enhanced Elasticsearch infrastructure for rights-holder portals, integrated Elasticsearch with Redshift for advanced analytics, and introduced AI-driven search capabilities.

- Built advanced analytics suite integrating Elasticsearch with Amazon Redshift and React
- Introduced AI-driven track search using free-form descriptions and similarity matching

### Lead Developer · Small Door Veterinary

Jan 2021 – Jul 2021

CONTRACT REMOTE

Drove the transition from outsourced development to a full internal engineering team, recruiting key hires and scaling for multi-location expansion.

- Recruited Head of Product and Technology plus two senior developers
- Defined engineering processes and team structure for multi-practice scaling

### Senior Developer · Braidio

Feb 2019 – Jan 2021

CONTRACT REMOTE

Collaborated with a distributed team on a project management platform, integrating third-party applications and improving codebase quality.

### Web Developer · Captain Contrat

Jan 2015 – Jul 2017

First salaried developer. Shipped core features, implemented Agile/Lean methodologies, conducted training workshops, and mentored a junior developer. Team grew from 3 to 34.

"Emmanuel can deliver quality output in a short amount of time while still considering broader implications such as maintainability and architecture. He's not the type of developer to fall for the technological fad of the week. He stays current and understands the advantages and disadvantages of recent frameworks and how they can help but more importantly sometimes hinder a company's objectives."

Edward De Langen, VP of Product and Technology at Small Door