curriculumvitae

## Personalia


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| **Name:** | Thomas Goethals |
| **Role:** | Senior full-stack engineer and tech lead |
| **Location:** | Barcelona, EU citizen; open to hybrid or remote |
| **Email:** | thomas@tgmgoethals.dev |
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| **Website:** | tgmgoethals.dev |
| **GitHub:** | github.com/SerDiuK |


## Profile

Tech lead and full-stack engineer with 12 years of building web products. Led teams of up to seven people at Kahoot! and Diabolocom, mentoring engineers and interviewing candidates. Founding engineer at CardNexus, a trading card marketplace with 100k+ users: picked technologies and built features end to end across the Next.js web app, the Node.js/PostgreSQL backend and the React Native app. Trained in applied visual arts, and works closely with design and product.

## Work experience

Feb 2025 – Now

**Founding Engineer at CardNexus** — Barcelona

Trading card marketplace and collection manager, web and mobile.

- Built price negotiation between buyers and sellers end to end, on web and mobile, and led unique cards (signed, altered and misprint copies).
- Led growth engineering: server-side ad attribution, Google and Meta shopping feeds, and technical SEO for hundreds of thousands of product pages.
- Chose and set up the services for chat, notifications and cookie consent: Stream Chat, Novu, and Termly with Google Consent Mode v2.
- Built much of the web app and set up its design system (Storybook, Figma tokens, 20+ components).
- Looked after quality: reviewed 195 pull requests, mostly for the React Native app, and wrote end-to-end tests for the Stripe checkout.

Next.js, React, TypeScript, Node.js, PostgreSQL, React Native (Expo), Stripe, Turborepo

Nov 2023 – Feb 2025

**Tech Lead at Kahoot!** — Barcelona

Jul 2022 – Nov 2023

**Senior Frontend Developer at Kahoot!** — Barcelona

- Led a 6–7 person product team as tech lead, mentoring its engineers and interviewing candidates.
- Migrated a product from AngularJS to Angular.
- Built in-app chat with a third-party chat SDK.

Angular, AngularJS, RxJS, TypeScript

Jul 2021 – Jul 2022

**Staff Engineer at WeMaintain** — Remote

Jul 2020 – Jul 2021

**Senior Frontend Developer at WeMaintain** — Paris

- Built data-rich interfaces for elevator maintenance in an Nx monorepo, with d3.js visualisations and in-browser PDF display and editing.

Angular, NGXS, d3.js, Nx

Apr 2019 – Jul 2020 — **Senior Frontend Developer at Renault Digital** — Paris

- Built visualisations of vehicle lifecycles and live telemetry for an autonomous-vehicle project.
- Mentored two Simplon trainees through a six-month placement in the team.

Angular, NgRx

Mar 2018 – Mar 2019 — **Lead Frontend Developer at Diabolocom** — Paris

Jul 2017 – Mar 2018 — **Frontend Developer at Diabolocom** — Paris

- Led three frontend engineers across Paris and Russia on the company's contact-centre software, and interviewed candidates.

Angular

Jun 2016 – Jul 2017 — **Frontend Developer at European Commission JRC** — Geel

Consultant via Cronos International, on financial applications.

Sep 2014 – Aug 2016 — **Founder of Strak Design** — Antwerp

Freelance web design for small businesses.

## Key skills

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| **Leadership** | Technical leadership, mentoring, interviewing, code review |
| **Frontend** | TypeScript, React, Next.js, Angular, RxJS, NgRx, NGXS, Jotai, TanStack Query, Tailwind CSS, d3.js |
| **Backend** | Node.js, PostgreSQL, Drizzle, oRPC, GraphQL |
| **Mobile** | React Native, Expo |
| **Integrations** | Stripe, Stream Chat, Novu, AppsFlyer, Braze, Amplitude |
| **Growth** | Technical SEO, structured data, Google Merchant Center, Meta catalogs, Google Tag Manager, conversion APIs, consent management |
| **Testing** | Vitest, Playwright, Cypress, Storybook |
| **Platform** | Turborepo, Nx, GitHub Actions, Docker, Cloudflare Workers, OpenTelemetry |
| **Design** | Figma, design systems, Adobe Creative Suite |
| **AI** | Claude Code with custom skills for code review and demo recording; built a remote MCP server with OAuth 2.1 |

## Language skills (according to CEFR level)

| DUTCH | ENGLISH | FRENCH | SPANISH |
|---|---|---|---|
| Native | Native | B2 | B2 |

## Education

2013 – 2016 — **BSc Agro- and Biotechnology, Thomas More** — Geel

## Interests

Boxing, padel, cooking, financial markets