

Ir Adriaan De Bolle, MSc

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About

AWS-certified engineer and entrepreneur who builds full-stack products end-to-end — from architecture to deployment — and leads the teams around them. Founder of UNBLND, a social discovery platform with 200,000+ registered accounts and €130,000 in secured investment. Combines a background in bioengineering (KU Leuven) with 8+ years of hands-on software delivery across startups, scale-ups, and freelance engagements. Driven by a mission to reduce loneliness through technology.

Experience

Self-Employed, Manengo

Belgium — 06/2019–Present

Freelance software consultancy. Selected projects:

- **Full-Stack Product Engineer (CarManager):** 2026–Present. B2B vehicle auction platform for Belgian car dealers — real-time bidding, auction management, dealer dashboards. Containerised SAM services handle car importing and pricing jobs. Built with Lovable, Claude Code, Jules by Google, React, AWS SAM, Supabase and Docker.
- **Software Lead (Contour Lab):** Dec 2024–Dec 2025. Integrations of a personalised recommendation engine into fashion webshops (Salesforce Commerce Cloud, Shopify). Managed full client onboarding pipeline; successfully onboarded 2 enterprise clients.
- **Software Architect — Technical Founder (Synt):** 2022–Present. Built co-owner association management software from scratch — web dashboard and mobile app — as sole engineer. Full front-end, back-end and cloud setup.
- **CTO ad interim (Relotruster):** Relocation management software from scratch. Architected and delivered full front-end, back-end and cloud services.

Founder, Ubigreat bv

Affligem, BE — 12/2021–Present

Founder of two products under Ubigreat bv: Matchmaking by Ubigreat (AI event matchmaking) and UNBLND (social discovery platform).

- **Matchmaking by Ubigreat (ubigreat.eu):** AI matchmaking platform for conferences and events. Uses novel models to create automated match rounds. Developed tiered pricing, benchmarking and go-to-market strategy.
- **UNBLND:** Social discovery platform connecting 200,000+ users worldwide on shared interests. €130k raised; imec.istart portfolio company. Currently rebuilding as v2.

Teacher, Atheneum Caroline Pauwels

Brussels, BE — 01/2024–08/2025 (18 months, 45%)

Taught advanced physics and engineering to 'Technologische Wetenschappen & Engineering' students (3rd grade secondary). Mentored 1 student to enroll in Informatics at VUB.

Value Stream Engineer, Cytiva

France/Belgium — 03/2017–02/2018 (11 months)

Liaison between Production, Quality, Sales, and Logistics. Resolved production breakdowns by reimagining assembly procedures for single-use biocontainers. Automated internal logistics controls using Excel VBA. Combined process engineering and software expertise to optimize energy usage and build a monitoring tool at the EO-plant.

Education

- **KU Leuven** — M.Sc. Engineering: (Bio)Chemical Technology
- **Polytechnique de Montréal** — Génie, Exchange Program (2014)
- **Internship:** Energy Optimisation at BASF, Ludwigshafen, Germany (2015)

Tech Skills

Frontend: React, React Native, Vue.js, Angular, HTML, CSS, Tailwind

Backend: Node.js, PHP/Laravel, Python, FastAPI, MySQL, REST & API Architecture

Cloud & DevOps: AWS (SAM, Lambda, Bedrock, S3), Supabase, Docker, Git, DevOps

Vibe Coding: Claude Code, Jules Google, GitHub CoPilot

ML / AI: Recommender Systems, Clustering, LLMs (AWS Bedrock), FastAPI

Process / PM: Agile, Product Management, Lean Six Sigma (Black Belt — exam passed), SAP, VBA

Familiar: Swift, C++, Java, BoxCox, Customer Journeys, Business Development

Awards & Certifications

- AWS Certified Solutions Architect – Associate
- Lean Six Sigma Black Belt — exam completed, project in progress
- imec.istart portfolio company (funded startup)
- Green Sharks finalist — social impact entrepreneurship
- YTIIL Transatlantic Innovation Leader finalist
- Erasmus for Young Entrepreneurs graduate

Volunteering

- Flemish workgroup for people with dementia (ongoing)
- Guardian of unaccompanied refugee minors, FOD Justice Belgium (2016–2019)
- Student Buddy Program, KU Leuven (2011–2013)

Languages

Dutch (native) • **French** (C1) • **English** (C1) • **German** (B1) • **Spanish** (B1) • **Chinese** (A1)