

Ir. Adriaan De Bolle, MSc



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AWS-certified engineer and process improvement specialist with 8+ years of hands-on delivery across software, cloud, and operational environments. M.Sc. in Chemical and Biochemical Engineering (KU Leuven), combined with a Lean Six Sigma Black Belt and a track record of bridging business operations and technical teams.

Built and scaled products from scratch, including UNBLND (200,000+ users, €130k raised), while staying close to the operational and process side of the work: mapping workflows, gathering requirements, coordinating stakeholders, and turning ambiguous problems into structured delivery. Comfortable working independently in complex, regulated, and fast-moving environments. Based in Brussels.

Experience

Freelance Consultant / Software & Process - Manengo bv

Jun 2019 - present

Freelance software and process consultancy. Selected projects below.

> Software Lead - Contour Lab

Dec 2024 – Dec 2025

- Managed end-to-end client onboarding for the integration of an AI recommendation engine into fashion e-commerce environments (Salesforce Commerce Cloud, Shopify).
- Analysed client data flows, system landscapes, and integration requirements; translated into technical specifications and implementation tasks.
- Coordinated between client stakeholders, product teams, and technical delivery — successfully onboarded two enterprise clients.

> Software Architect / Product Engineer - CarManager

Jan 2026 - Jun 2026

- Built a B2B vehicle auction platform for Belgian car dealers: real-time bidding, auction management, dealer dashboards, automated vehicle importing and pricing workflows.
- Analysed end-to-end operational processes, converted them into structured application workflows, and worked directly with business stakeholders to prioritise requirements.
- Delivered using React, AWS SAM, Supabase, Docker, and containerised services.

> Software Architect - Synt

Jul 2021 - Aug 2026

- Sole engineer on a co-owner association management platform — analysed administrative workflows and translated them into a web dashboard and mobile app across the full delivery lifecycle.

> Solutions Architect & CTO - Relotrust

Oct 2019 - Mar 2020

- Designed and delivered a relocation management platform end to end — business analysis, architecture, development, and cloud delivery.

CEO & Founder - Ubigreat bv

Dec 2021 - present

- Founded two technology products: Matchmaking by Ubigreat (AI event matchmaking) and UNBLND (social discovery platform, 200,000+ users).
- Led business analysis, product strategy, process design, and stakeholder management across both ventures.
- Secured €130,000 in investment; managed investor and commercial stakeholder relationships across the full fundraising lifecycle.
- Selected into imec.istart accelerator. Built business cases, pricing models, and go-to-market strategies.

Teacher (part-time, 45%) - Atheneum Caroline Pauwels, Brussels

Jan 2024 - Aug 2025

- Taught advanced physics and engineering to 'Technologische Wetenschappen & Engineering' students (3rd grade secondary); prepared students to enrol in Engineering or Informatics at VUB.

Value Stream Engineer & Change Manager - Pall Life Sciences / Cytiva - France/Belgium

Mar 2017 - Feb 2018

- Cross-functional liaison between Production, Quality, Sales, and Logistics in a regulated industrial environment.
- Analysed production and logistics processes to identify inefficiencies; redesigned assembly procedures for single-use biocontainers and resolved production disruptions.
- Automated internal logistics controls using Excel VBA; coordinated operational change across multiple departments.

Internships

Business Analyst & Software Engineer, BakerOnline

Aug 2018 – Feb 2019

Erasmus for Young Entrepreneurs

Process Engineering & Software Intern, BASF - Ludwigshafen, Germany

Jul 2015 – Aug 2015

Energy optimisation at the EO-plant; built a custom monitoring tool combining process engineering and software.

Education

M.Sc. Engineering: Chemical and Biochemical Technology

2011 - 2016

KU Leuven, Belgium · Exchange: Polytechnique de Montréal, Canada (2014 - 2015)

Certifications

Lean Six Sigma Black Belt - SSD Global Solutions, Belgium

2026

Certified in DMAIC methodology and structured process improvement - applied across SpineWise (assessment cycle-time reduction) and Ubigreat (growth experimentation).

AWS Certified Solutions Architect - Associate ([Credly](#))

Skills

Process & PM: Business analysis, requirements gathering, workflow mapping, functional specifications, DMAIC, change management, stakeholder management, business cases, Agile, Product Management, SAP, VBA

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

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

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

AI & Vibe Coding: LLMs (AWS Bedrock), Recommender Systems, Clustering, Claude Code, Jules by Google, Lovable, Base44, GitHub Copilot

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

Awards & Recognition

imec.istart portfolio company

Green Sharks finalist (social impact entrepreneurship)

YTIIL Transatlantic Innovation Leader finalist

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 **English** 🇬🇧🇮🇹 - C2 **French** 🇫🇷🇨🇦 - C1 **German** 🇩🇪🇦🇹 - B1 **Spanish** 🇪🇸🇮🇪 - A2 **Chinese** 🇨🇳🇹🇼 - A1

Additional

Based in Brussels, Belgium · Full right to work in Belgium and the EU