

WOUTER DEVRIENDT

Founder-turned-engineer specializing in AI infrastructure at scale. Built and led an AI startup from zero to \$750K raised; now engineering Kubernetes-based developer infrastructure for AI training at Meta. Comfortable owning hard problems end-to-end.

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SKILLS & EDUCATION

Degree	M.Sc. Civil Engineering (Distinction), Ghent University, 2012
Infrastructure	Kubernetes (K8s), Docker, AWS, Linux, CI/CD
Languages	Python, Java, Bash
AI/ML	PyTorch, TensorFlow, computer vision, ML pipelines
Other	System design, fundraising, team leadership, HL7/FHIR (healthcare)

WORK EXPERIENCE

Jul 2024 – Now

Meta

Software Engineer
Meta Superintelligence
Labs
Menlo Park, CA

Building PyTorch infrastructure and Kubernetes-based developer tooling for AI training workloads at scale:

- **On-demand GPU environments:** designed and shipped resumable GPU environments for developers, reducing idle time and addressing GPU scarcity for ML researchers
- **Docker & K8s at scale:** standardized containerized environments for training, development, and CI; maintaining Kubernetes-based infrastructure across large cloud and local GPU fleets

2021 – 2024

AICON

Co-Founder & CEO
Boston, MA

AI-powered construction site analytics platform, from idea to paying customers.

- **Raised \$750K:** led full fundraising cycle: pitch, diligence, close
- Built end-to-end ML pipeline: weekly retraining, auto-deployment to 100+ edge devices; hybrid edge-cloud architecture on AWS for real-time CV inference
- Managed engineering, sales, and ops end-to-end

2014 – 2022

Agfa HealthCare

Team Lead → Sr. Engineer
Boston, MA & Belgium

Eight years across engineering and leadership roles in a HIPAA/FDA-regulated medical imaging environment:

- **Team Lead, Integrations (2019–2022):** led the professional services integration org; designed a unified HL7/FHIR integration platform that halved hospital go-to-market time
- **Engineer → Researcher (2014–2019):** CV algorithms for radiology software (Innovation Award 2017); C# patient management; bootstrapped Boston dev team

2016 – 2021

Balloon Inc.

Co-Founder & CEO
Ghent, Belgium

Mobile and AI consultancy that grew into a construction-tech product studio. Doubled revenue four years running; spun off AICON and dimcost.com. Shipped multiple iOS/Android apps and deep learning projects, including a hackathon winner (hard hat/safety detection on construction sites).

2012 – 2013

Ghent University

PhD Researcher
Ghent, Belgium

Biomechanics of ACL & meniscus repair; finite element modelling and automated meshing. Co-authored 3 peer-reviewed publications. Contributed to [pyformex](https://pyformex.com), an open-source Python geometry tool. Transitioned to industry.

SELECTED PROJECTS

Open Developer Cloud

Open Source Developer Cloud: self-hosted K8s developer platform (github.com/wdvr/osdc)

Powder Chaser

iOS app + serverless ML backend; neural net ensemble scoring snow quality at 1,040+ ski resorts across 25 countries (powderchaserapp.com)