

E. Désiré Nzengou

SPACE-TECH ENGINEER · EO SYSTEMS LEAD · DOWNSTREAM PROGRAMME ARCHITECT

Sweden · Austria · [linkedin.com/in/ednzengou](https://www.linkedin.com/in/ednzengou) · github.com/dnzengou

Translating Copernicus, Galileo and SSA data into working downstream services — operating inside the European space ecosystem across GeoVille, EUSPA and CASSINI with the engineering physicist's eye on the stack.

SELECTED PROOF

40+

CASSINI space ventures juried, mentored or technically reviewed

3

Continents operated across — Europe, Africa, North America

6

ESA / EUSPA programme domains (EO, GNSS, SSA, downstream, space resources, dual-use)

15+

Space-data systems deployed — GIS, BI, analytics, pipelines

EXPERIENCE

Business Innovation Manager — Space Tech

GeoVille Information Systems GmbH · Austria

Aug 2025 – Present

- Technical lead on ESA and EU-funded proposal development; integrate advanced EO and space-data technologies into commercial service lines.
- Architect space-resources and dual-use partnerships across the European ecosystem.
- Pair downstream pipelines with GeoAI and LLM-enabled geospatial intelligence for mission-grade workflows.

Space Downstream Market Innovation & Entrepreneurship Consultant

EUSPA · Czech Republic

Dec 2020 – Jun 2025

- Technical evaluation and jury member across Copernicus EO, Galileo (EGNSS), and SSA applications.
- Programme ownership for CASSINI Space Academy — 30+ ventures mentored on EO / GNSS product strategy, IPR and TRL advancement.
- International keynotes on satellite data synergy with AI, quantum and dual-use architectures.

Senior Industrial Technology Expert Advisor

NIRDA · Rwanda

May 2018 – Dec 2019

- Led Rwanda's STEM Lab and deep-tech incubation — hardware, EO applications for agriculture and water.
- Technical Working Group member for national innovation and space-adjacent policy.

Google Cloud Learning Services Lead (EMEA)

Google · Belgium

2017 – 2018

- ML and geospatial-cloud training across EMEA markets; delivered the enterprise curriculum for GCP applied to EO and analytics.

SELECTED WORK

ESA & EU proposal portfolio — EO, Galileo, dual-use

GeoVille Information Systems · 2025 – Present

Technical architecture and bid leadership for ESA and EU-funded programmes across Earth Observation, Galileo applications and space-resources partnership design.

CASSINI Space Academy — technical mentoring

EUSPA · 2020 – 2025

Programme content and technical mentoring for 30+ space ventures across Copernicus EO, EGNSS, SSA and emerging downstream verticals. Jury on CASSINI Hackathons, Business Accelerator and Academy cohorts.

GeoAI & LLM-enabled geospatial intelligence

GeoVille Information Systems · 2025 – Present

Pair downstream EO pipelines with AI copilots and retrieval over Copernicus / Galileo data — turning raw satellite streams into decisioning tools for commercial and public-sector customers.

COMPETENCIES

Space & Earth Observation

Copernicus EO · Galileo / EGNSS · EGNOS · Space Situational Awareness · Satellite imagery & product chains · Space resources · Downstream service architecture

Engineering & Systems

Engineering physics · Complex adaptive systems · GIS & spatial pipelines · Analytics & BI stacks · Technical proposal writing · TRL advancement

AI X Space

GeoAI · LLM copilots over EO/GNSS · Retrieval & tool use for geospatial · Agent orchestration

Programme & Partnerships

ESA / EU programme architecture · CASSINI jury & academy · Partnership design · Dual-use & space-resources · International market entry

EDUCATION

MA Engineering Physics & Nuclear — ISIB, Haute École Bruxelles-Brabant, Belgium · 2009–2011

BA Engineering Technology — ISIB, Haute École Bruxelles-Brabant, Belgium · 2005–2009

Complex Adaptive Systems (Chalmers) · Management (ICHEC Brussels) · Quantum Computing (Coursera) · The Blockchain (UC Irvine) · Neural Networks & Deep Learning (DeepLearning.AI) · Google Cloud ML · Data Science (Johns Hopkins) · Agile / Scrum · Six Sigma Green Belt · IELTS C1

Fluent in French, English, and Swedish. Works across five languages and three continents.