

Mr Pierre *Gronlier*

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Lille, France · French national



EXECUTIVE PROFILE

Technology and innovation executive with 15+ years of experience leading cloud, data infrastructure and trusted digital ecosystems. Expert in federated cloud architectures, automated compliance frameworks and trusted data transactions. Proven track record building high-performance engineering teams, delivering rapid prototyping cycles and scaling interoperable platforms across international stakeholders including industry alliances, EU initiatives and standards bodies. Speaker and moderator at 150+ public events.

CORE COMPETENCIES

- Technology Strategy
- Rapid Prototyping & Iterative Development
- Trusted Data Infrastructure
- Compliance Automation
- Engineering Leadership
- Standards & Interoperability Governance
- Technical Evangelism
- Public Speaking

TECHNOLOGIES & STANDARDS

Cloud / Data



Standards / Protocols



PROFESSIONAL EXPERIENCE

Partner / Engineering Director - Cloud Data Engine

2024 - Present · France (Massy) / Remote

- Defined engineering strategy and product roadmap for automated compliance engines supporting trusted data transactions.
- Led architecture design, rapid prototyping cycles and production deployment.
- Delivered CISPE catalogue including first Gaia-X Label level 2 & 3 implementation.
- Combined deterministic and stochastic compliance verification using RDF, Linked Data and agentic RAG.

Chief Innovation Officer - Technical Fellow - Gaia-X

2024 - Present · Belgium (Brussels) / Remote

- Reviewed major industry standards including Eclipse Dataspace Protocol, FIWARE NGSI-LD, TMForum APIs, W3C DID, VCDM, ODRL, DCAT and SRI, ETSI TS 119 182-1 and TS 119 612, ITU-T X.509, RFC 751x, OpenId DCP.
- Strengthened Gaia-X Trust Framework enabling automated compliance verification.
- Advised executive leadership on interoperability, semantic technologies and cryptographic trust models.
- Contributor to CEN/CENELEC Trusted Data Transaction standardisation.

Chief Technology Officer - Gaia-X

2021 - 2024 · Belgium (Brussels) / Remote

- Co-defined Gaia-X Compliance specifications, authoring the first Trust Framework document enabling automated Gaia-X Compliance.
- Built and led a 10-person remote team, managing a €2M annual budget to deliver core Gaia-X services.
- Drove early prototyping and deployment with external stakeholders and EU-funded projects (GXFS 2x €15M).
- Co-authored governance of the association's internal working groups for 300 members.
- Member of the Eclipse Dataspace Working Group Specification Committee for "Publicly Available Specification" ISO submission.
- Member of the EU Data Spaces Support Centre - Technical Architecture Board (EU-funded project).

Cloud Solution Architect - OVHcloud

2016 - 2021 · France (Roubaix)

- Supported clients generating more than €10K MRR to optimise TCO and compliance fit: public, private and hybrid cloud.
- Supported start-ups in the incubator programme on functional and technical architecture for managing customer data (incl. LightOn).
- Designed and co-developed demonstrators for public and private tenders: service catalogues (European Commission demonstrator for Gaia-X), grid computing for autonomous driving cars.
- Designed and developed prototypes with prospects to migrate to OVHcloud: GPU grid computing, public cloud automation
- First NVIDIA GPU Cloud partner in Europe.

Senior Software Developer - Microsoft

2011 - 2016 · Estonia (Tallinn)

- Drove programme prioritisation for plugin-free Skype and Skype for Business web clients: feature definition, execution planning, KPI ownership, and technology evangelism: hackathons, LabDays.
- Improved scalability and robustness of CI/CD pipelines by migrating to asynchronous code, reducing failing tests and false alarms.
- Increased cross-device media interoperability of Skype clients; released the Skype for Linux client.

Research Engineer - Mobiclip

2007 - 2010 · France (Paris)

- Led DVB-S/S2 satellite capture projects as technical lead: hardware integration on-site and in datacenters, software setup, supplier relations, CAPEX/OPEX estimations - 0 to 24+ real-time video stream encoding.
- Inventor of patented compression technique FR2920940.

Earlier Experiences

- SMS services software developer *LinkInTime* 2004 Yemen (Sanaa) · IT administrator *IITK* 2006 India (Kanpur) · Open source contributor: Linux kernel v2.6, DVB-S2 capture software

EDUCATION

MSc Mathematics, Computer Vision & Machine Learning
École Normale Supérieure de Cachan - 2008

MSc Embedded & Real-Time Systems
EPITA - 2006

Keywords: CTO, Chief Technology Officer, VP Engineering, Chief Architect, Technology Strategy, Distributed Systems, Cloud Architecture, Federated Cloud, Data Spaces, Digital Sovereignty, Trusted Data Transactions, Compliance Automation, Semantic Web, Linked Data, Knowledge Graphs, Data Governance, Interoperability, Standards Leadership, Technical Evangelism