

Job Title: Systems Architect, [APPLY](#)

Location: Luxembourg, fulltime

METRICSAT is an early-stage startup. METRICSAT automates environmental risk assessment for financial institutions. Our mission is to empower financial institutions with reliable, quantifiable environmental risk and impact metrics for an investment. As part of our small, dynamic team, you will play a foundational role in pioneering a first-of-its-kind solution.

We are looking for a System Architect to design and oversee the high-level architecture of our product, ensuring scalability, security, and seamless integration of multiple system components. This role requires expertise in cloud-based architectures, data processing frameworks, and AI-driven platforms, ensuring that all technical components—data pipelines, analytics, ML models, work together efficiently.

Key Responsibilities:

- Define the platform's overall system architecture, including API frameworks, microservices, and cloud infrastructure.
- Design a resilient, scalable, and secure architecture to support large-scale processing
- Develop a cloud-native strategy and ensure compliance with security and data governance standards.
- Work closely with software engineers, ML engineers, and data engineers for robust system design.
- Provide guidance on best practices in software architecture, API development, and data security.
- Establish clear architecture blueprints, guidelines, and coding standards for engineering teams.

Required Qualifications & Skills:

- Master's or bachelor's degree in computer science, Software Engineering, or a related field.
- 7+ years of experience in system architecture, cloud infrastructure, or enterprise software design.
- Expertise in cloud platforms (Azure, AWS, or GCP) and distributed computing.
- Knowledge of data engineering, security best practices, and DevSecOps principles.
- Proven technical leadership and management qualities for extensive R&D
- Ability to adapt to change in an entrepreneurial environment.
- Excellent interpersonal and communication skills.
- Ability to work autonomously as well as part of a team.
- Proficiency in spoken and written English.

Experience integrating AI/ML models into enterprise systems and product management is a plus.

IMPORTANT: Already a resident in Europe or has European visa

Benefits

- Competitive salary
- Flexible hybrid work environment
- An independent role with a supportive and diverse work environment
- Possibility of stock option.