

SETLabs Research GmbH is specialised in developing software-intensive systems and innovative domain-open solutions by bringing software, simulation and the respective HW/SW integration together. This results in the development of application-oriented solutions that are used in the automotive or rail domain and will be further extended to robotics, logistics, energy and healthcare. Our vision is to advance domain-open Software Enabled Technologies. SETLabs represents a subsidiary of VIRTUAL VEHICLE, an internationally leading research organization.

The objective of this role is to develop and investigate solutions for a **next-generation open, distributed data ecosystem** to gain **trust and credibility** in the virtual development of Automated Driving. You will work and collaborate with national and international partners from research and industry in cooperative research projects to accelerate the development of Automated Driving Functions based on **Digital Twins** and contribute to enable **transparent data-driven business models**.

We are **currently** looking for a

Researcher Web3 Software-Development (m/f/d)

Your Tasks

- Contribution in research projects to develop trusted, sovereign services in data ecosystems
- Conception of decentralized solutions for the collaborative development of Automated Driving in an open, distributed data ecosystem
- Implementation and integration of these solutions into an overall architecture of a data and infrastructure ecosystem
- Continued development of the overall architecture of the data and infrastructure ecosystem
- Development of Proof-of-Concept demonstrators
- You will be in charge of technical management for tasks and working packages in the scope of research projects

Your Profile

- Master's degree in Business Informatics, Computer Science or Software Engineering. Alternatively: Master's degree in a STEM subject and professional experience in the field of Web3
- Experience in usage of Cloud Computing Services and Containerization
- First hands-on experience in the application of Distributed Ledger Technologies
- Know how in the field of Digital Identities and Digital Ownership (SSI, NFT)
- Hands-on experience with Data Broker application is of advantage in this role
- Know how in one of the following fields and applications is a plus: Gaia-X, International Data Spaces Association, Tezos, walt.id, W3C Standards, Cyber Physical Systems, Digital Twins

What's in it for you

- Possibility to write a PhD thesis
- Challenging activities in a renowned international network
- Contractually secured home office models and flexible time management
- Collaboration and contributions in a young dynamic team
- Mentoring programme for new employees
- Personal and professional development opportunities on any career level
- Flat hierarchies and freedom for taking responsibility and own ideas
- Regular participation in scientific conferences
- Team building and company events

APPLY NOW and JOIN OUR TEAM

Your contact:

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