

Co-Founder & AI Architect / Machine Learning Engineer (m,f,d)



Location: Flexible, with a preference for residents near North Rhine-Westphalia, Germany.

At Medirion, we stand at the vanguard of healthcare innovation, harnessing artificial intelligence to advance early-stage detection of inflammation-related diseases. Our cutting-edge technology leverages extensive, patient-centric data to generate expansive datasets crucial for training advanced AI systems. These systems are pivotal in discovering new disease correlations, dramatically improving patient outcomes, and continually pushing medical technology boundaries.

The Role: As a key AI Architect / Machine Learning Engineer, you will drive the development and deployment of sophisticated AI systems that are revolutionizing healthcare diagnostics. You will play a crucial role in our dynamic team, where every challenge is an opportunity for innovation.

Your Path to Impact

• Short Term:

- Design and deploy AI-based systems, optimizing operations for maximal integration and efficiency.
- Lead the creation of robust AI infrastructure, providing a fertile ground for machine learning advancements.
- Analyze data deeply to influence strategic decisions and communicate actionable insights to stakeholders.

• Long Term:

- Direct high-impact projects aligning with our strategic objectives to maintain and expand our technological lead.
- Develop comprehensive roadmaps for all AI projects, ensuring they meet our ambitious healthcare innovation goals.
- Uphold the highest standards of ethics and compliance in all AI initiatives, guiding the future of ethical AI in healthcare.

What You bring to the Team

• Essential Qualifications:

- Advanced degree in medical informatics, bioinformatics (or another life science field), or in medical documentation, data science, computer science or equivalent
- Hands-on experience with data modeling and ideally the use of medical data standards (HL7 FHIR, CDISC ODM, etc.).
- Proficiency in computational modeling and familiarity with medical ontologies (SNOMED CT, ICD-10, LOINC, etc.).
- Agile and structured problem-solving approach, with a proven record of taking on substantial responsibilities.

• Preferred Experience:

- Stay informed on AI research trends, particularly in Safe AI, Ethical AI, and Fair AI.
- Experience with Cloud AI/ML services (AWS, GCP, Azure) and Big Data technologies.
- Understanding of the software development lifecycle and agile project methodologies.

Rewards and Benefits

- Competitive salary scale (TVL 11-13), with transparency on progression.
- Long-term incentives such as employer stock options (VSOP or ESOP).
- Comprehensive benefits package including health, dental, and vision insurance, plus support for work-life balance.

Join Us! Are you ready to impact global health outcomes significantly? Submit your application today at hr@medirion.eu. Include your resume, and your vision for the role, together with any relevant project examples.

Let's transform the future of healthcare together.