

Cover Letter

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Dear Hiring Team,

With over 15 years of experience in AI, data architecture, and data infrastructure, combined with a PhD in Data Architecture, I have successfully designed and implemented scalable, innovative data platforms while leading cross-functional teams to drive data-driven transformation. I am excited about the opportunity to bring my expertise to Zühlke, shaping cutting-edge data and AI solutions that bridge strategy, architecture, and implementation.

In my current role as Lead Solution Architect at PUMA, I have:

- Led and scaled two engineering teams, improving system performance by 20%.
- Founded an internal technical strategy initiative, ensuring company-wide alignment in engineering and architecture.

Additionally, my doctoral research in data interoperability led to the invention of The Basin Network, a next-generation data mesh-inspired framework that enhances enterprise AI/ML scalability and governance. This aligns with Zühlke's mission to build sustainable, high-impact data architectures in complex environments.

I am eager to apply my technical leadership, strategic thinking, and hands-on expertise to designing resilient data ecosystems, guiding AI solutions from prototype to production, and mentoring teams in best practices. I look forward to discussing how I can contribute to Zühlke's vision.

Best regards,
Nasr Kasrin, PhD