

Platform Architect

We are looking for a highly skilled **Platform Architect** to join us and make an impact in our company. A platform architect has a global view of all aspects of our analytics platform and its ecosystem, excels in bridging technology and business requirements, is an astute strategist and is able to identify, evaluate and, when appropriate, embrace future-proof technologies.

In this role, you have the chance to apply your technical leadership to influence key decisions. You will be working with cutting-edge technologies, including database engines, microservices orchestrators, cloud services, Big Data, and Artificial Intelligence. Your mission will be the design, implementation, and optimization of a world-class, cloud-native, scalable, high-performance and resilient Analytics system.

We value and promote personal initiative, clarity of thought, ability to learn, teamwork, accountability, and a striving for achievement. We collaborate in our offices in the city of Zurich.

If that sounds appealing to you and you want to play a key role in a vibrant international startup culture, please read on.

Responsibilities:

- Design and build our platform's cloud-native microservices architecture, with a steady eye on high performance
- Apply Artificial Intelligence to enhance the platform's efficiency, resilience, and cost-effectiveness
- Drive strategic projects such as the definition of new query languages
- Help make our product cloud-agnostic and enable additional deployments (on-prem, private cloud, edge, etc.)
- Lead by example, advise and inspire our engineering teams with best practices and most significant technology innovations
- Document and present solutions to management and engineering teams
- Engage in research and experimentation through design sessions and proofs of concepts
- Help shape the product roadmap

Requirements:

- University degree in Computer Science or related scientific discipline
- Excellent knowledge of cloud architecture and software design patterns
- Familiarity with multiple leading cloud platforms (e.g. Azure, GCP, AWS)
- Sound understanding of concurrency, algorithms, and computational complexity
- Proven record of designing and developing large-scale distributed systems
- Experience with Machine Learning and Artificial Intelligence projects
- Expertise or interest in Domain-Specific Languages (especially Query Languages)
- Fluency in English

Any of the following is a strong plus:

- Academic research experience in the above areas
- Good knowledge of Kubernetes and its ecosystem



- Expertise in database query execution and optimization, storage engines, consistency models and replication
- Knowledge of C++, Rust, .NET 5+ and Python

We offer an attractive compensation based on experience and skills.

Please send your complete application to Mr Patrizio Contu, CTO, (including CV with photo, references, education and qualification certificates) per e-mail: techlab@natzka.com

Please kindly note that we only accept applications from direct candidates, no recruitment agencies. Thank you for your understanding.

Occupation:	100%
Location:	Zurich
Function:	Platform Architect
Sector:	Software