Solution Architect - Data Analytics Technology

In partnership with the Customer Insights Data and Analytics teams and our IT partners the Data and Analytics Technology team supports the banks Data and Analytics needs with tooling, projects and IT operational support.

**The Role:** You will be supporting the Platform architectural design, will be involved in or fully own the preparation of Security Design Documents (SDD), Threat Risk Assessments (TRA), request for proposals (RFP)s, Proof of Concept (POC) for a variety of cross cutting business concerns and their presentation/defense to all internal/external entities involved in the solution.

**You will also:**

* Architect cutting edge data and analytics solutions employing the industry best practices and embedding security on every level.
* Design tools to diagnose and fix complex distributed systems handling petabytes of data & drive opportunities to automate infrastructure deployments, and observability of data services.
* Troubleshoot, system capacity, bottlenecks, basics of memory, CPU, kernel, and storage.
* Test, monitor, administer, optimize and operate multiple big data clusters on premise and/or in cloud.
* Proficiency in banks change control processes and the application of those.

Proven experience in technical leadership, solution architecture role with specific experience in distributed system design, data engineering, microservices architectures, serverless architectures. You need this experience to apply for this role:

* Extensive knowledge and experience in delivering solutions in the public cloud specifically Azure and/or GCP.
* Expert level knowledge of Docker and Kubernetes.
* Deep knowledge of meta data management principles and experience implementing those.
* Extensive knowledge and experience in security designs in accordance with ISO27001, SOC2.
* Proven ability to influence beyond area of chain of command.
* Team player with exceptional communication skills (verbal and written).
* Committed to see tasks through to completion.
* Bachelor's degree or better in Computer Science or Engineering