The Lead Enterprise Architect is responsible for the application and business architecture domains across Shared Services. The candidate will be a key member of the Shared Services Architecture team whose collective responsibility is to promote strategic technology advancement across the organization through a set of fully aligned technical strategies, roadmaps, designs, patterns, and frameworks. This role will partner with executives, their architects and application development teams, and firmwide architects. Must demonstrate a proven history of building large scale technology solutions that effectively address the business objectives of a complex organization. Ensures that business strategy along with market & technology trends are effectively represented in the organization’s systems and business processes. Analyzes the architectural requirements, defines the vision, defines the target state architecture, analyzes the current state, establishes roadmaps and governs the project portfolio and partners with solution architects/engineers to realize the target state.

This individual must be delivery-oriented, possess excellent analytical and communication skills with the ability to reach senior business management as well as technical audiences. Must be able to influence project direction and make pragmatic decisions to optimize the balance between strategic value, time to market, cost and risk. Identify shared services, overlapping capabilities and convergence to standards in order to improve efficiency and quality, and reduce time to value. The preferred candidate will have a broad background in application development, integration, and architecture. Must be able to work independently to solve complex problems, create/manage technology plans, yet possess the soft skills to work with a variety of partners.   
  
Knowledge / Skills

* Previous or current hands-on software development experience.
* Significant experience working with enterprise architecture patterns and solid background of enterprise architecture best practices
* Working knowledge of cloud-native architectures; preference using Pivotal Cloud Foundry and/or Kubernetes
* Deep knowledge of API and microservice style architectures
* Experience using API Management Platforms and Storefronts (e.g. APIGEE, Software AG, etc)
* Deep knowledge of Architecture Frameworks like TOGAF and/or Zachman
* Experience using development languages and open source frameworks like Java, .Net, Spring, etc.
* Knowledge of software development methodologies and tools like Agile (Kanban/Scrum) and GIT, Jira, Maven, Jenkins, etc.
* Experience with DevOps best practices and toolchain / pipeline automation
* Knowledge of the financial services industry and in particular, a broad and deep understanding of products and services provided by Northern Trust.
* Has an understanding of the Shared Services domains at Northern Trust (Cash, Asset Servicing, Risk and Compliance, HR, Finance)
* Strong knowledge of security frameworks and controls.

Major Duties

* Strategy
  + Creation of the Application and Business Architecture Strategies
  + Influence the strategy and vision of senior decision makers through articulated communications and presentations.
  + Ensures alignment between Technology & Business strategies
* Roadmaps
  + Delivery of the multi-year Application and Business Architecture Roadmaps
  + Influence project portfolios towards implementation of the target state
  + Reviews investment spend to ensure alignment with target state and roadmaps
  + Identify appropriate technical solutions that provide business value while mitigating technical debt.
  + Mediate conflicting priorities to drive optimal solutions.
  + Identify and escalates duplication of efforts, functional and technical redundancy, and enforces the use of existing firm-wide shared services.
* APIs
  + Define the Shared Services/API strategy
  + Define and articulate architectural requirements especially around API enablement.
  + Conduct build vs buy technology evaluations
* Strategic Programs
  + Support major programs from an architecture leadership perspective
* Blueprints
  + Create fully functional application architecture blueprints for typical archetypes, e.g. Web, Microservice, Mobile, 3rd party app, etc.
* Enablers
  + Enable the organization by creating working examples of best practices and training technologists
* Partnership
  + Build strong relationships with key stakeholders.
  + Liaise with the Enterprise Architecture groups
  + Solve problems collaboratively.
  + Acts as a subject matter expert on technologies and trends in API development and application/solutions architecture

Qualifications

* Minimum 10+ years development experience
* Minimum 7+ years architecture experience
* Bachelor’s degree or equivalent experience; MBA or Master’s degree preferred