



Corporate Action Reference Data Ingestion

Coforge AI Whisperers



Harnessing the Power of AI



Agenda

1 Problem Statement

2 Our Solution Overview

3 Technical Implementation

4 Production Viability

Problem Statement

Multiple channels, lack of standardization and uniformity in Corporate Action announcements creates a fragmented and inconsistent flow of information, leading to a range of problems for investors and financial services organizations. Increased operational risk and higher operational costs due to manual processing are significant challenges in processing Corporate Actions

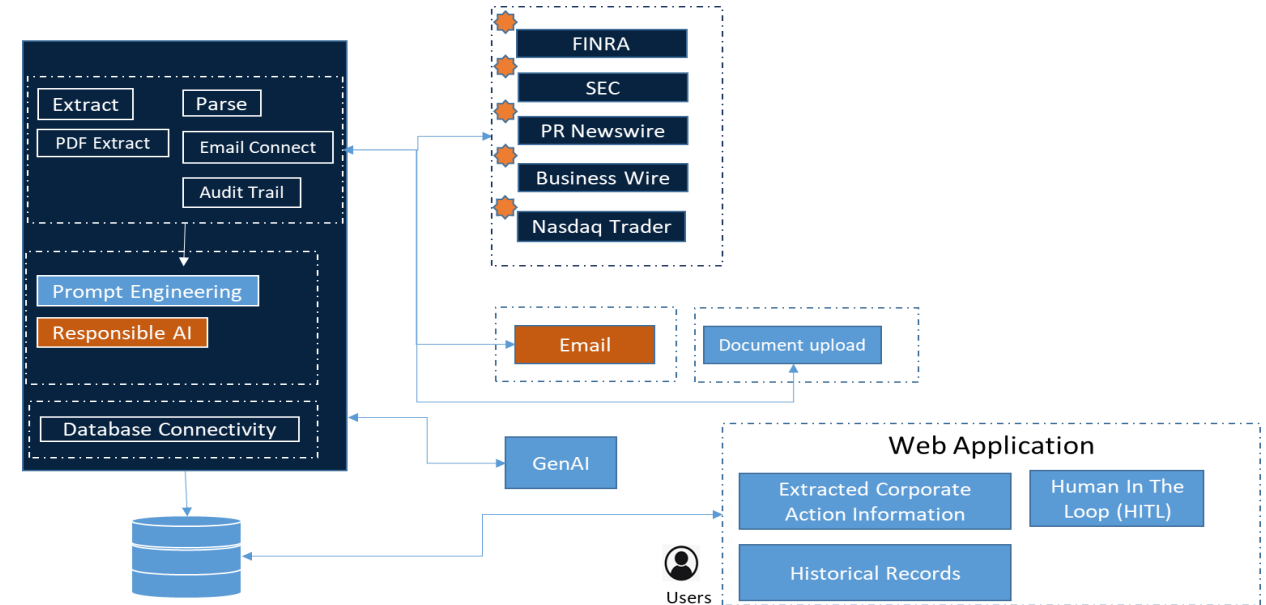
Our solution helps streamline and improve sourcing and dissemination of Corporate Action information

Solution Overview

Our solution uses GenAI to accurately identify sources and extract corporate action details, transforming raw information into structured, actionable data.

Key Tenants:

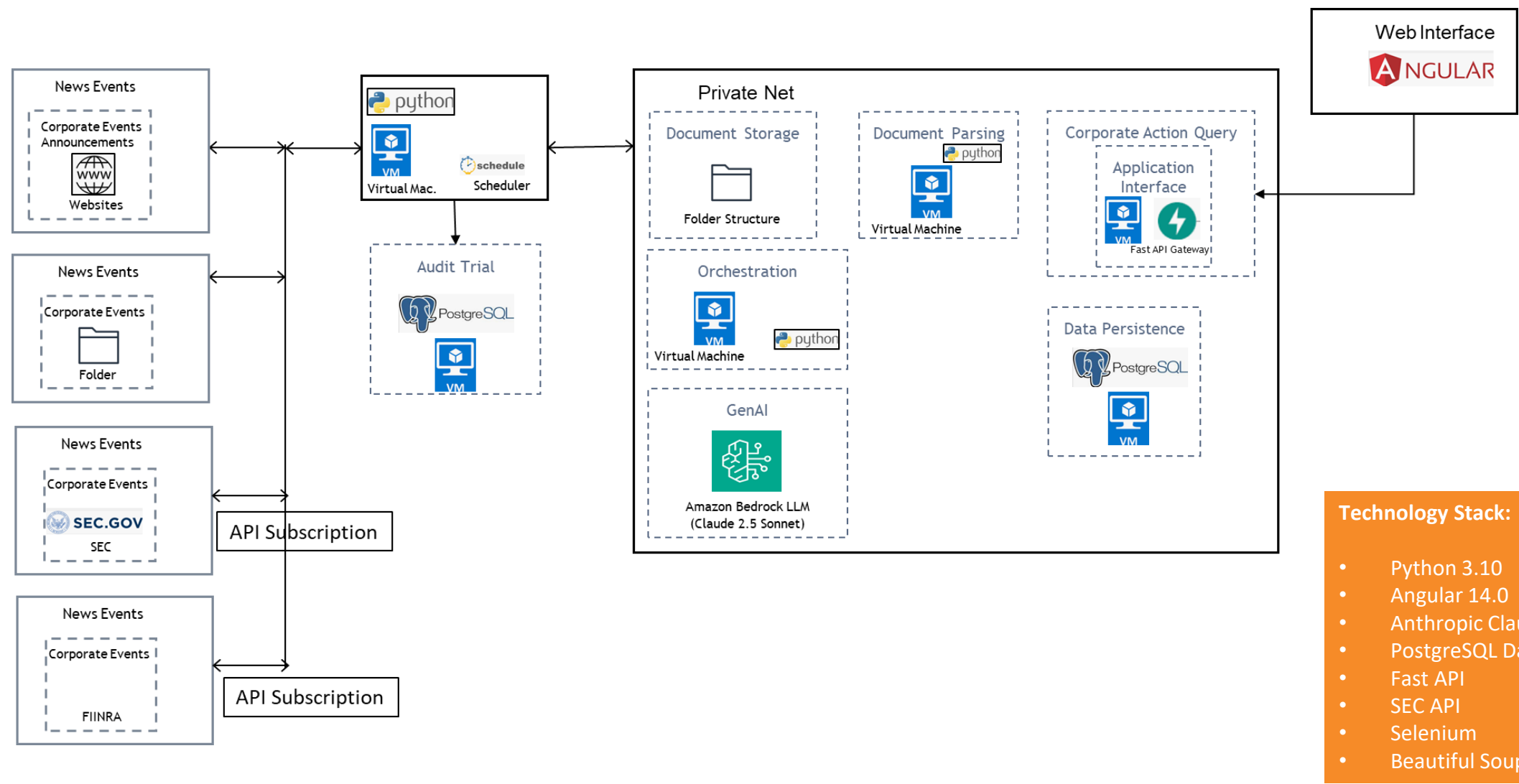
- Real Time Ingestion of Data from multiple data source
- GenAI-powered classification and attribute extraction
- Easily adaptable and extensible to new corporate action types, improving accuracy and reducing time for any system updates
- Responsible AI to resolve bias and proxy bias
- Schedulers to access the configured websites to retrieve published corporate action news/events.
- Automatic execution of the prompts integrated with Responsible AI. Response is parsed and data persisted in the database for further use.
- Configurable solutions – sources and types of information
- HITL: Provision for the users to verify the extracted information.
- Audit trail available



Impact

- GenAI based solution eliminates need for extensive data labelling and model training
- Speed and efficiency of sourcing information provisioning structured and accurate data for processing
- Seamless integration of data – API, files, ISO 20022
- Significantly reducing time to production and GTM
- Responsible AI integration improves governance and reduces risk

Technical Implementation



Production Viability – Potential Path to Production

Pilot solution build can be extended to production without rebuilding the whole.

Tentative timeline for productionizing is 10 – 12 weeks

Overall development can be divided in 4 phases

Scalable solution with minimal changes required

Responsible AI engine helps in governance and data ingestion

Integrating the new application might require changes to existing workflows and processes.

Compatibility Issues while integrating with existing systems

Require thorough testing for Performance

- Phase 1: Core Solution Enhancement (4-6 weeks)**

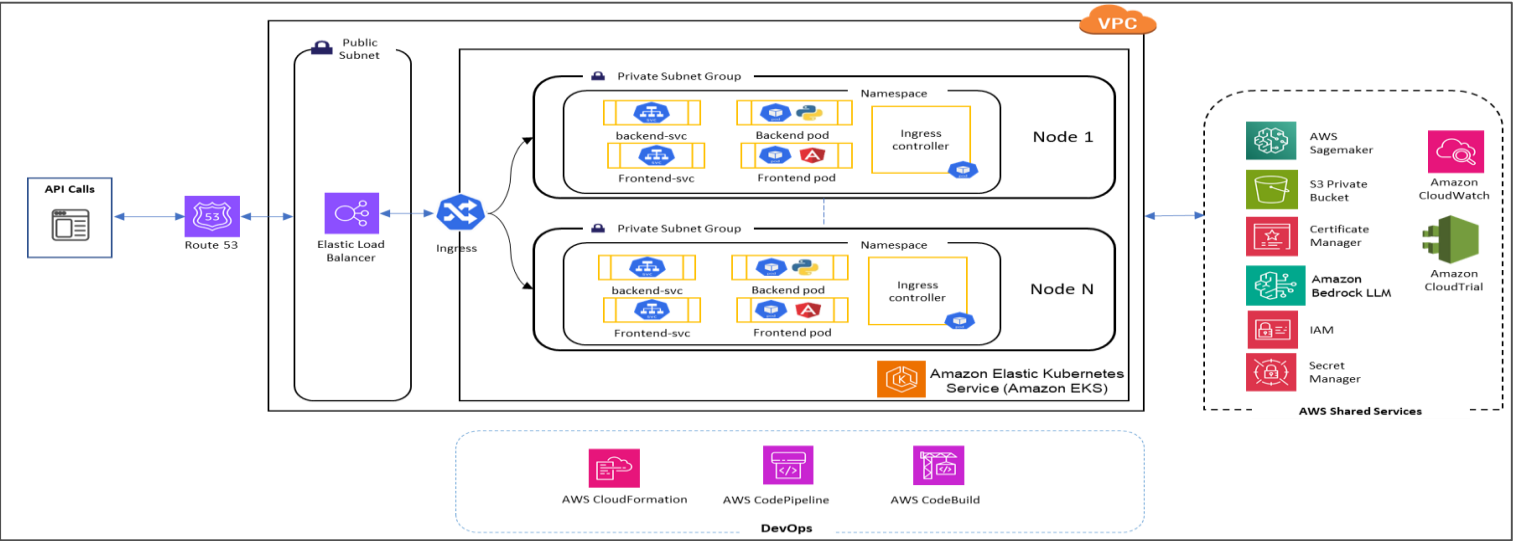
 - Complete implementation of remaining corporate actions
 - Porting extracted structured corporate action into other formats
 - Comprehensive testing and bug fixes
 - Performance optimization and scalability testing
 - Integration of identified enhancement ideas
- Phase 2: Integration & Customization (3-4 weeks)**

 - API exposure and documentation for downstream applications
 - Integration of additional corporate action news events based on customer requirements
 - Custom configurations as per specific business needs
 - Integration testing with customer systems
- Phase 3: UAT & Validation (2-3 weeks)**

 - User Acceptance Testing
- Phase 4: Production Deployment (2 weeks)**

 - Deployment architecture implementation
 - Production environment setup
 - Go-live preparation
 - Production deployment
 - Post-production support

Production Deployment – Reference Architecture



Demo



Let's engage

About Coforge

Coforge is a global digital services and solutions provider, that leverages emerging technologies and deep domain expertise to deliver real-world business impact for its clients.

A focus on select industries, a deep domain understanding of the underlying processes of those industries and partnerships with leading technology platforms, enables Coforge to be a trusted partner of its clients in their transformation initiatives. Coforge leads with its Product Engineering approach and leverages AI, Cloud, Data, Integration and Automation technologies to transform businesses into intelligent, high growth enterprises. Coforge has 30 global delivery centers and is present in 23 countries.

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