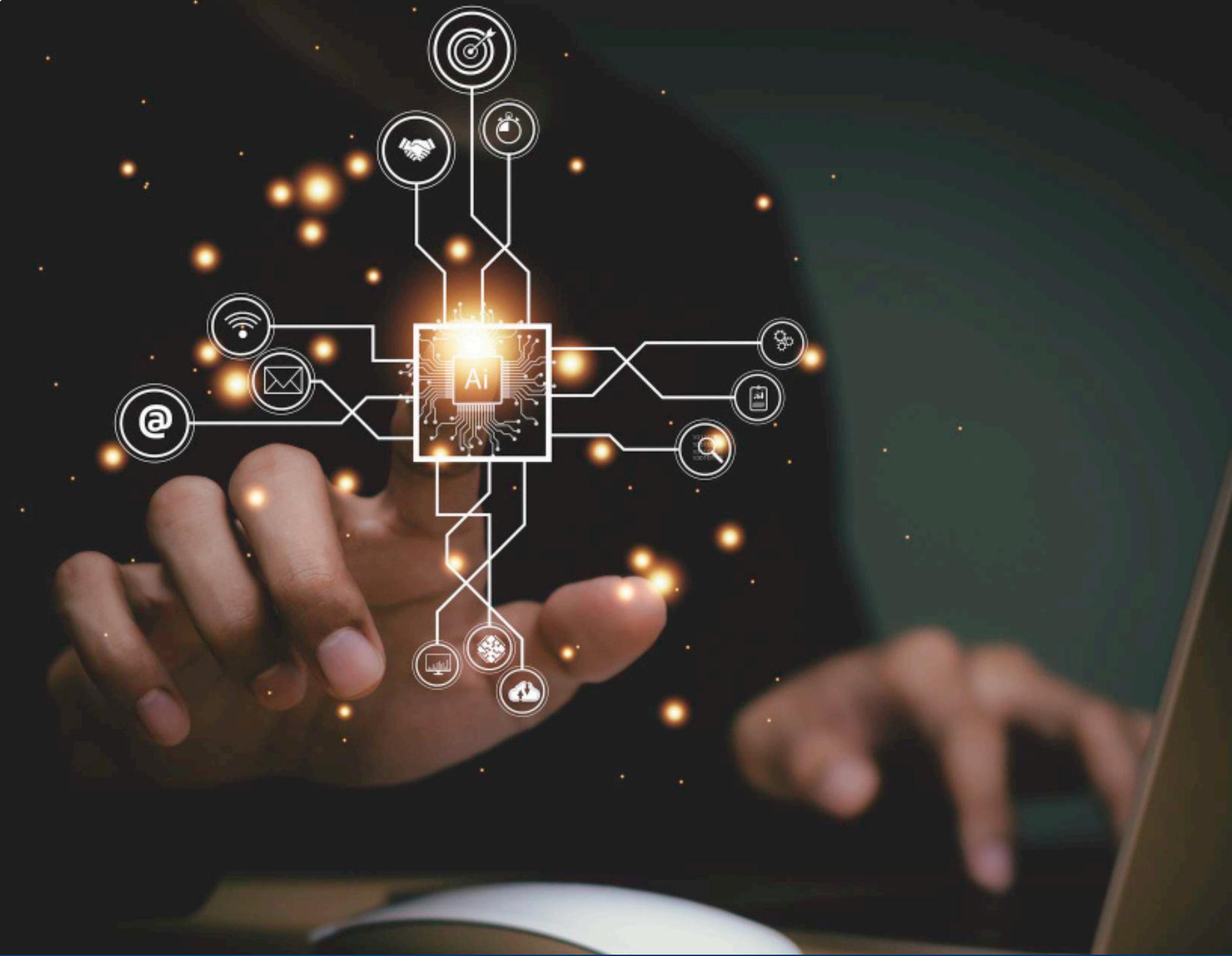




**Delivering Strategic Consulting,
Technology, and Engineering
Solutions Worldwide**

Trusted by Global Enterprises Since 1991
www.ionidea.com



Your Partner in Digital Excellence

About Ionidea

Incorporated in 1991, Ionidea boasts **over 30 years of experience** in delivering high-quality solutions.

The company operates globally with Engineering and Solutions Delivery Centers strategically located in the **US, Europe, Dubai, and India**.

Ionidea caters to the needs of large MNCs worldwide, fostering strong and lasting partnerships.

The company's commitment to excellence is reflected in the consistent satisfaction expressed by its customers.

Ionidea's successful track record includes the execution of numerous Professional Services, Staffing Engagements, IT Software Projects, and multi-year Outsourced Engagements.

Ionidea's Core Service Offerings

IonEngineer

Digital Transformation

- AI-driven solutions to enhance efficiency, scalability, and reliability.

Product Engineering

- Strategy, UX/UI design, development, and performance optimization.

Ion Product Engineering Packages

- Custom consulting and implementation services for specific business needs.

Talent Tigers

Recruitment Process Outsourcing:

- Streamlined hiring solutions to find and recruit top talent.

Health Tigers (RCM):

- Optimized revenue collection for healthcare providers through RCM services.

Info Tigers:

- Automated business processes with data management solutions.

IonEngage

Strategic Consulting:

- Delivered by former CIOs of Fortune 1000 companies.

Technology Consulting:

- Delivered by Technology, Domain and Subject Matter Experts

Contracting:

- Onsite deployment of Engineering and Project Management Talent

Ionidea's Core Service Offerings

IonEducation

Academic ERP Solutions

- Outcome-Based Education: Curriculum and assessment tools.
- Exam Management: Automates exam processes.
- Digital Valuation: Digitizes evaluation.
- Attendance: Mobile tracking.
- Learning Management: Supports remote learning.
- Student & Fee Management: Handles student data and fees

GuardOn

- Personal safety alerts
- Crash detection with emergency dispatch
- Roadside assistance
- Safe driving monitoring
- Individual driver reports
- Location sharing
- 24/7 emergency monitoring
- Shareable medical profile
- Access to a safety map
- Connection to trusted contacts
- International add-on

JobsnGigs

- Transparent platform: employers and contractors can see each other's profiles
- Qualified candidates for contract or permanent positions
- Negotiate pay rates with contractors directly
- AI-powered candidate recommendations
- Permanent and contract hiring
- Provides talent recommendations

Tech Partners

Dynatrace

- Cloud monitoring platform
- Simplifies cloud complexity
- Monitors applications, infrastructure, and user experience
- Helps businesses improve performance, security, and innovation
- IonIdea offers Dynatrace implementation, support, and integration services

Agentology

- Insurance Sales Automation Platform
- Streamlines sales for captive & non-captive agents
- Automates key processes: calculations, marketing, contract management
- Enables efficient product configuration & management
- User-friendly interface for easy adoption
- IonIdea offers Agentology implementation & support services

Digital Guardian

- Data protection software
- Helps organizations locate, understand, and protect their sensitive data
- Can be deployed on-premises or in the cloud
- Benefits include immediate visibility into an organization's data, the ability to discover, monitor, and block threats, and cross-platform coverage

Guidewire

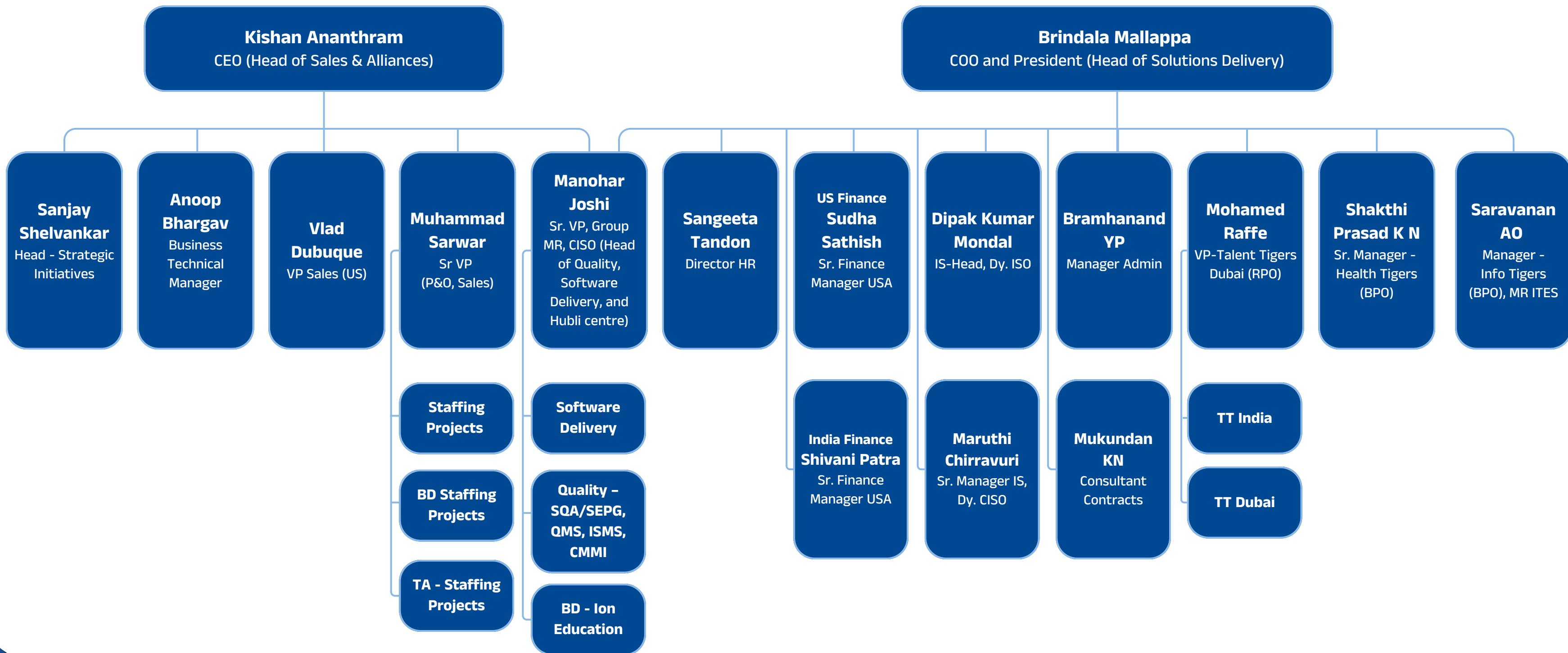
- Platform for property and casualty (P&C) insurance carriers
- Helps P&C insurance carriers innovate and launch products quickly
- Helps them grow steadily by reducing IT complexity and streamlining processes
- Important features include PolicyCenter™, ClaimCenter™, and BillingCenter™

Technology Expertise Across Key Industry Domains



BA, CSM, PM, SME, ARCHITECT, DESIGNER, DEVELOPER, AUTOMATION, QA, CI/CD & RELEASE MGMT, IMPLEMENTATION, SUPPORT, TRAINING, TECH DOCUMENTATION,
WEB & CMS, SPECIALISED TEST

Organization Structure



Ionidea Leadership



Kishan Ananthram



Brindala Mallappa



Mohammad Sarwar



Vlad E. Dubuque



Sanjay Shelvankar



Manohar Joshi



Sandeep Vaidya



Anoop Bhargav



Sangeeta Tandon

Digital Transformation and Product Engineering

Our Strengths

Proven Track Record

Client-Centric Approach

Innovation at the Core

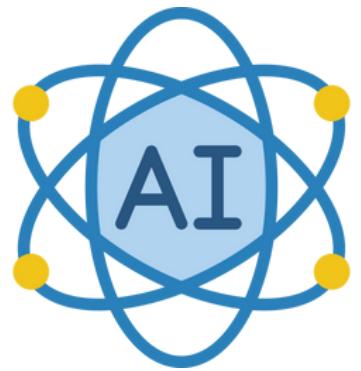
End-to-End Solutions

Agility and Flexibility

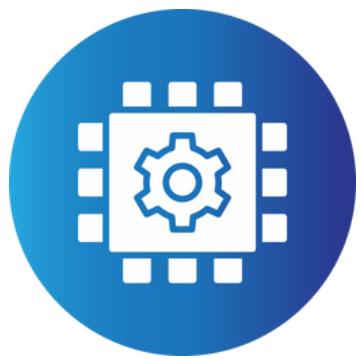
Efficiency and Scalability

AI Expertise

Digital Transformation



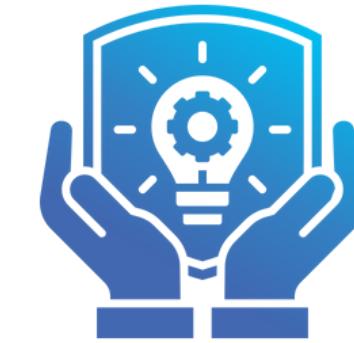
**AI-Driven Strategic
Consulting**



**Cutting-Edge
Technology
Integration**



**Efficiency and
Scalability**

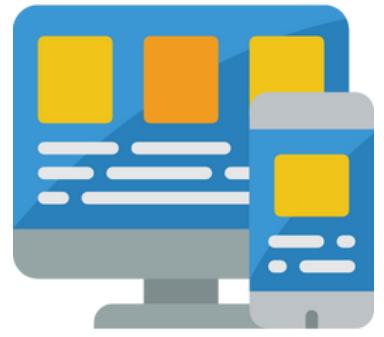


**Reliability
and
Innovation**

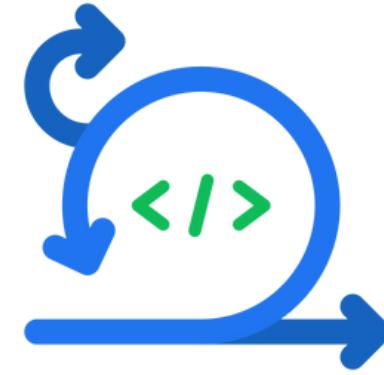
Product Engineering



**Product Ideation
and Strategy**



UX/UI Design



Agile Development

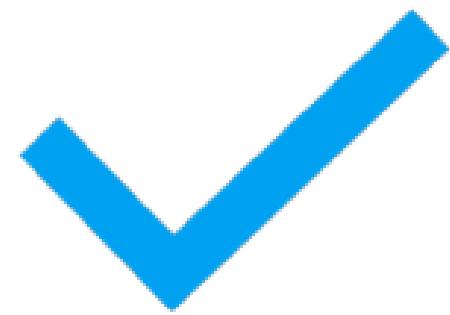


**Quality
Assurance**

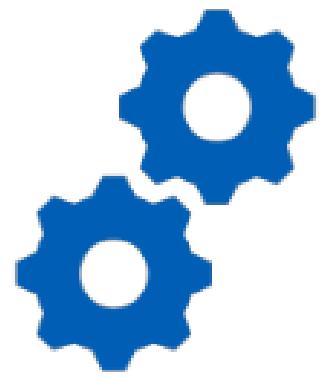


**Scalability and
Performance
Optimization**

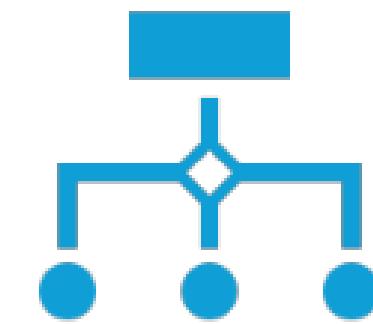
Our Offerings



Ideate and Validate



Prototype and Implement



Test, Deploy and Maintain

Technology glimpse

Front-End Development

- JavaScript Frameworks (React, Angular, Vue.js)
- CSS Preprocessors (SASS, LESS)
- UI Component Libraries (Material UI, Bootstrap)

Back-End Development

- Programming Languages (Python, Java, Node.js, C#, PHP)
- Web Frameworks (Django, Spring, Express.js, Laravel)
- Database Technologies (SQL Server, MySQL, PostgreSQL, NoSQL)

Mobile Development

- JavaScript Frameworks (React, Angular, Vue.js)
- CSS Preprocessors (SASS, LESS)
- UI Component Libraries (Material UI, Bootstrap)

Machine Learning & Data Science

- Machine Learning Libraries (TensorFlow, PyTorch, scikit-learn)
- Big Data Tools (Spark, Hadoop)
- Data Visualization Tools (Tableau, Power BI)

Cloud Platforms

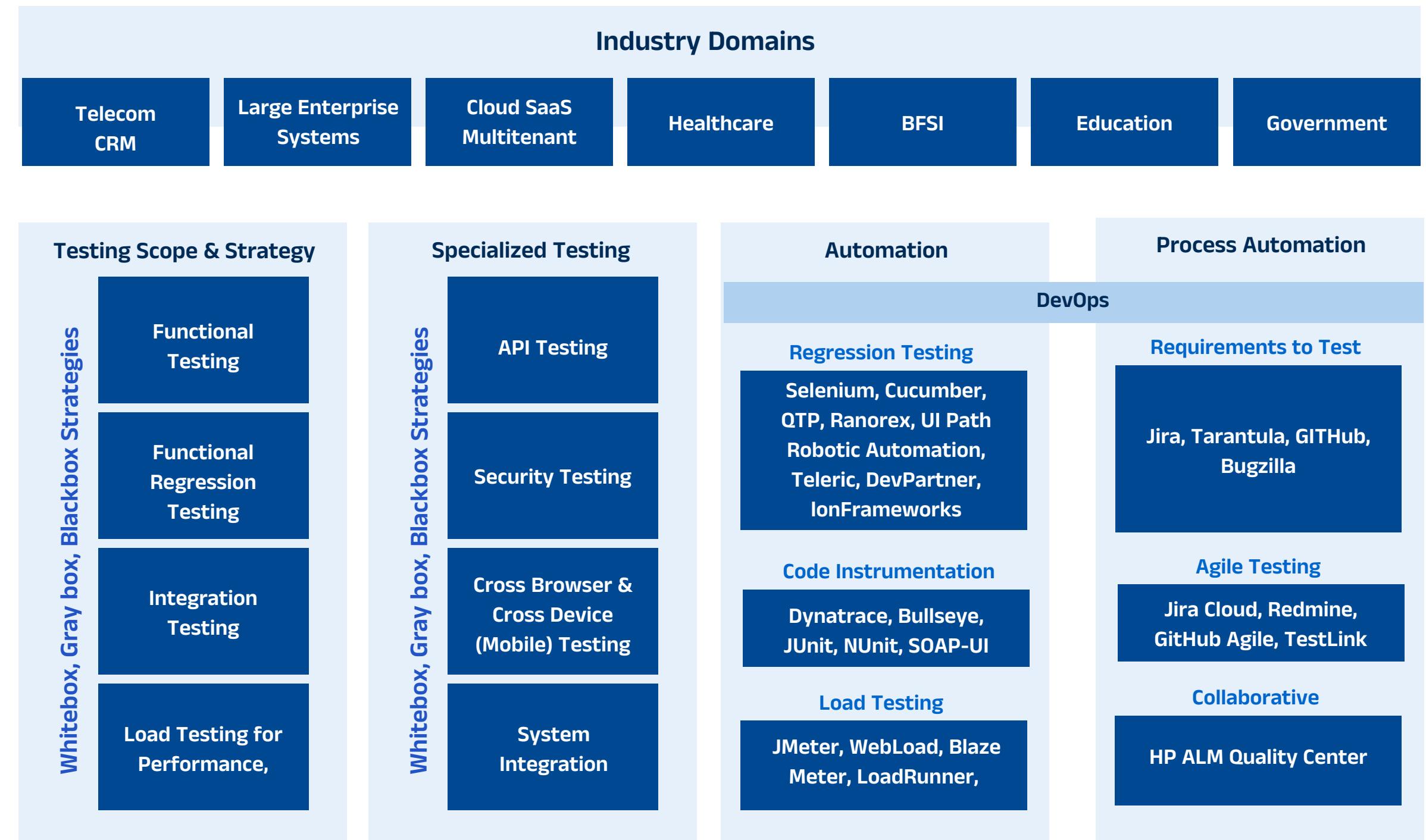
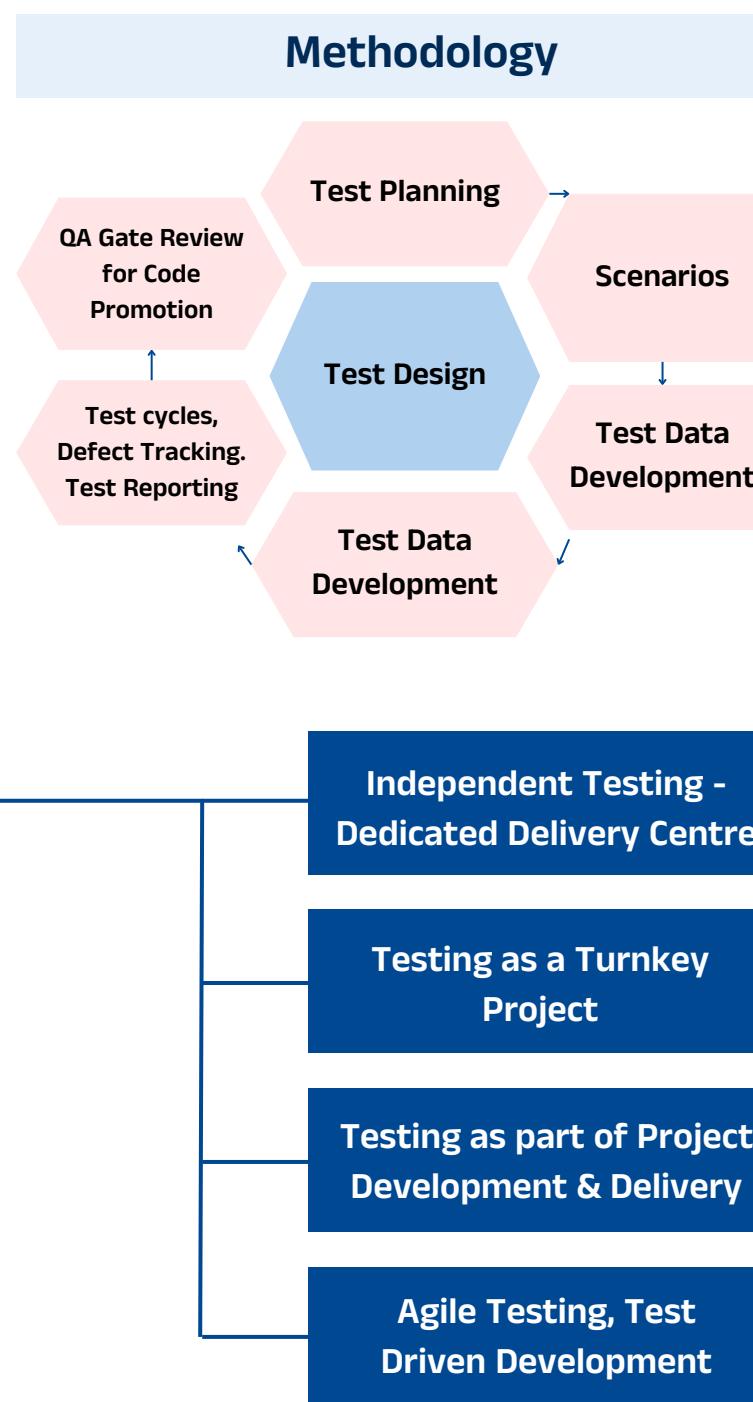
- Microsoft Azure
- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)

DevOps & Automation

- Infrastructure as Code (Terraform, Ansible)
- CI/CD tools (Jenkins, CircleCI)
- Containerization Technologies (Docker, Kubernetes)

Ion-Assurance: Testing Services

Solution and Services



BA, CSM, PM, SME, ARCHITECT, DESIGNER, DEVELOPER, AUTOMATION, QA, CI/CD & RELEASE MGMT, IMPLEMENTATION, SUPPORT, TRAINING, TECH DOCUMENTATION,

WEB & CMS, SPECIALISED TEST

Industry Verticals - Technology

Java, J2EE, LAMP

Core Java, EJB, Servlets, JMS, JTS, JTA, JAAS, JDBC, JNDI, Java Mail, Swing, Applets, JAX.

Java, J2EE Development, Automation & Build Management LAMP

DevOps, CI/CD, Ant, Maven, Jenkins, Hudson, Gradle, Agile, SAFe, Jira, Confluence, Redmine, GIT, SVN

Microsoft Technologies

.NET Framework (C#, .NetCore, WPF, WCF, UWP...), SharePoint, Open XML SDK, SSIR, SSRS, SSAS, WebAPI

Big Data & Analytics

Apache Hadoop, Hortonworks HDP, Cloudera, Pig, Hive, HBase, Sqoop, Flume, Cassandra, MongoDB, Spark, R, Map Reduce, Apache Kafka, Tableau, Microstrategy, Oozie etc.

Databases & ORM Frameworks

Hibernate , TopLink, iBatis, Java Persistence API (JPA), MS SQL Server, Oracle, MySQL, DB2, PostgreSQL, Informix, SQLite DB,

Front-End

HTML, HTML5, PHP, JSP, JSF, Angular JS, Ajax, CSS3, JavaScript, jQuery

Web Application Frameworks

ASP.Net, MVC.Net, Struts 2.0, Spring, SpringBoot, Wicket, Google Web Toolkit (GWT), JBoss Seam, Oracle ADF, CodeIgnitor, Zend, CakePHP, Twelve-Factor

Testing, Automation & Monitoring

Selenium, TestNG, NUnit, JMeter, WebLoad, Cucumber, DynaTrace, HP UFT (QTP), Loadrunner, Testpartner, STAF, Bugzilla, Jira, Junit, Ranorex, Tarentula

Application Servers

IIS, Apache Tomcat, JBoss, WebLogic, IBM WebSphere, Oracle Application Server and Sun Servers (Glassfish)

Cloud Solutions

Azure, AWS, GCP, IBM Bluemix, Multitenancy, SaaS Architecture

SOA/ESB/EAI

Web API, XML, SOAP, REST, WSDL, UDDI, BEA AquaLogic, OpenESB, Vitria, BizTalk, XMPP, JSON, ActiveMQ, RabbitMQ, JBoss BRMS etc.

Mobility

Xamarin, Flutter, Android, iOS, PhoneGap, WebGL, Bluetooth Manager Framework, Google Map Frameworks, OAuth2.0

LDAP

Open LDAP, MS Active Directory, Novel GroupWise

Social Media & Enterprise Applications

Facebook SDK, Google+ SDK, LinkedIn SDK, Twitter SDK

Success Stories

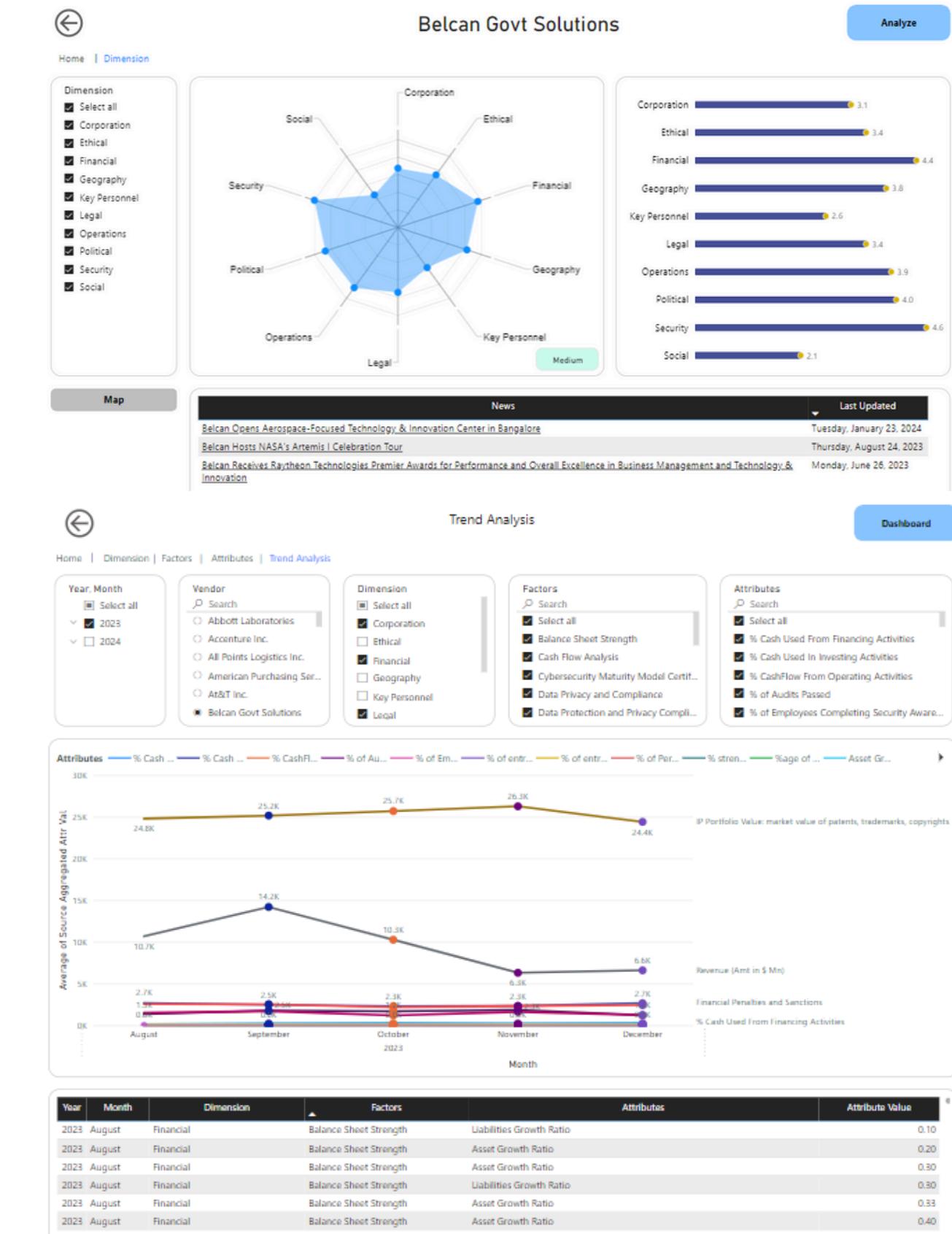
Case Study - 1

Objective

A solution to Enhance Risk Assessment Capabilities

Solution

- Developed a solution on Azure - Fabric to collect data from disparate data sources, clean, transform, and generate insights.
- Developed an interactive dashboard that allows analysts to easily deep dive into the data, visualize performance metrics across companies, and gain valuable insights.



Case Study - 2

Objective

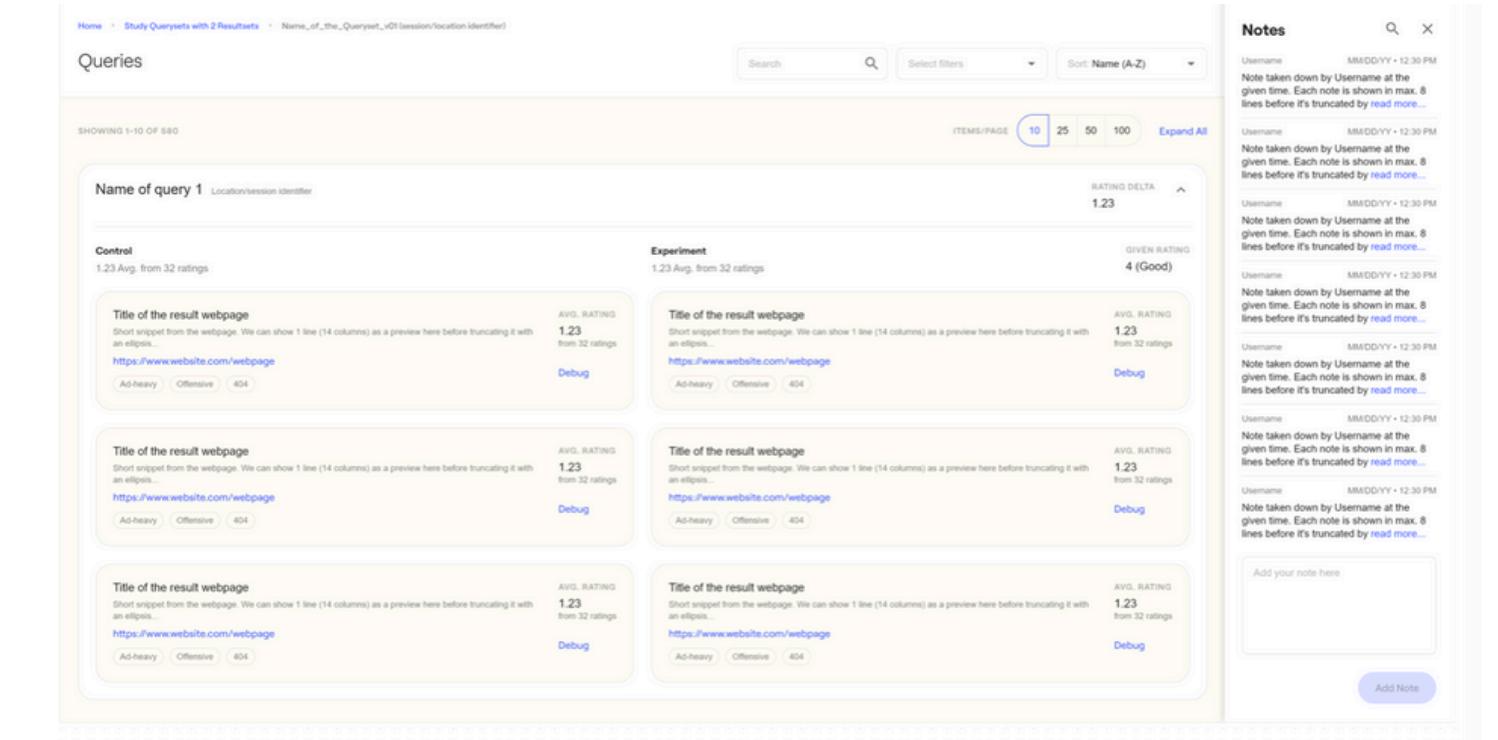
Enhance Data Quality and Efficiency for Machine Learning

Solution

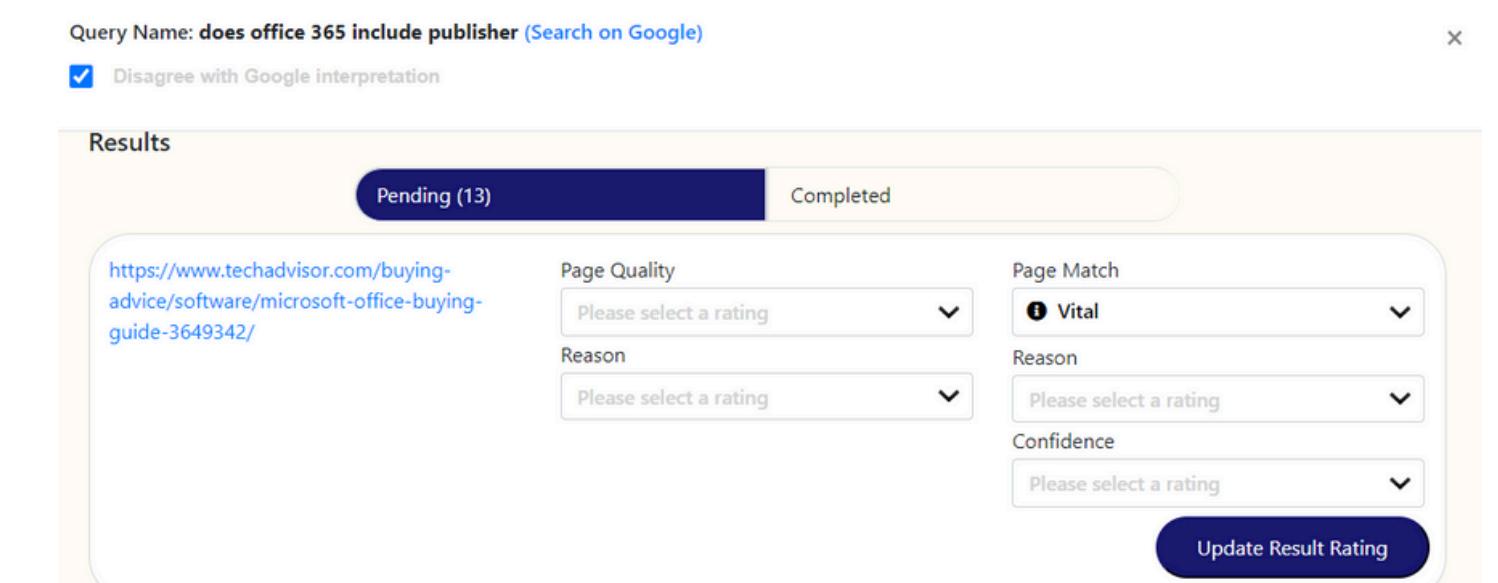
- Carried out data tagging and annotation to improve the confidence and matching score

Developed a tool that addresses:

- Simultaneous Multi-Rater Annotation
- Global & User-Inclusive Consolidation
- Traceable & Resource-Optimized Workflow



The screenshot shows a web application interface for managing machine learning queries. At the top, there's a navigation bar with links like 'Home', 'Study Querysets with 2 Results', and 'Name_of_the_Queryset_v01/session/location identifier'. Below the navigation is a search bar and filter options. The main area is titled 'Queries' and displays 'SHOWING 1-10 OF 580'. It lists several results under 'Name of query 1' and 'Location/session identifier'. Each result includes a 'Control' section with an average rating of 1.23 from 32 ratings, and an 'Experiment' section with a given rating of 4 (Good). Below these are sections for 'Title of the result webpage', 'AVG. RATING', and 'Debug' status. To the right of the results is a 'Notes' sidebar where users can add notes, with several entries visible.



This screenshot shows a detailed view of a query named 'does office 365 include publisher'. At the top, it says 'Query Name: does office 365 include publisher (Search on Google)' and has a checkbox for 'Disagree with Google interpretation' which is checked. Below this is a 'Results' section with tabs for 'Pending (13)' (which is selected) and 'Completed'. Under the 'Pending' tab, there are two rows of data. Each row contains a URL, 'Page Quality' (with dropdown menus for rating and reason), 'Page Match' (with dropdown menus for rating and reason), and a 'Confidence' dropdown. A large blue button at the bottom right says 'Update Result Rating'.



This screenshot shows another detailed view of a query. The URL listed is 'https://answers.microsoft.com/en-us/msoffice/forum/all/what-happened-to-ms-publisher-in-the-new-version/5304634a-6a22-4848-946e-11ef92ab2be3'. The interface is identical to the one above, with sections for 'Page Quality', 'Page Match', and 'Confidence', each with dropdown menus for rating and reason.

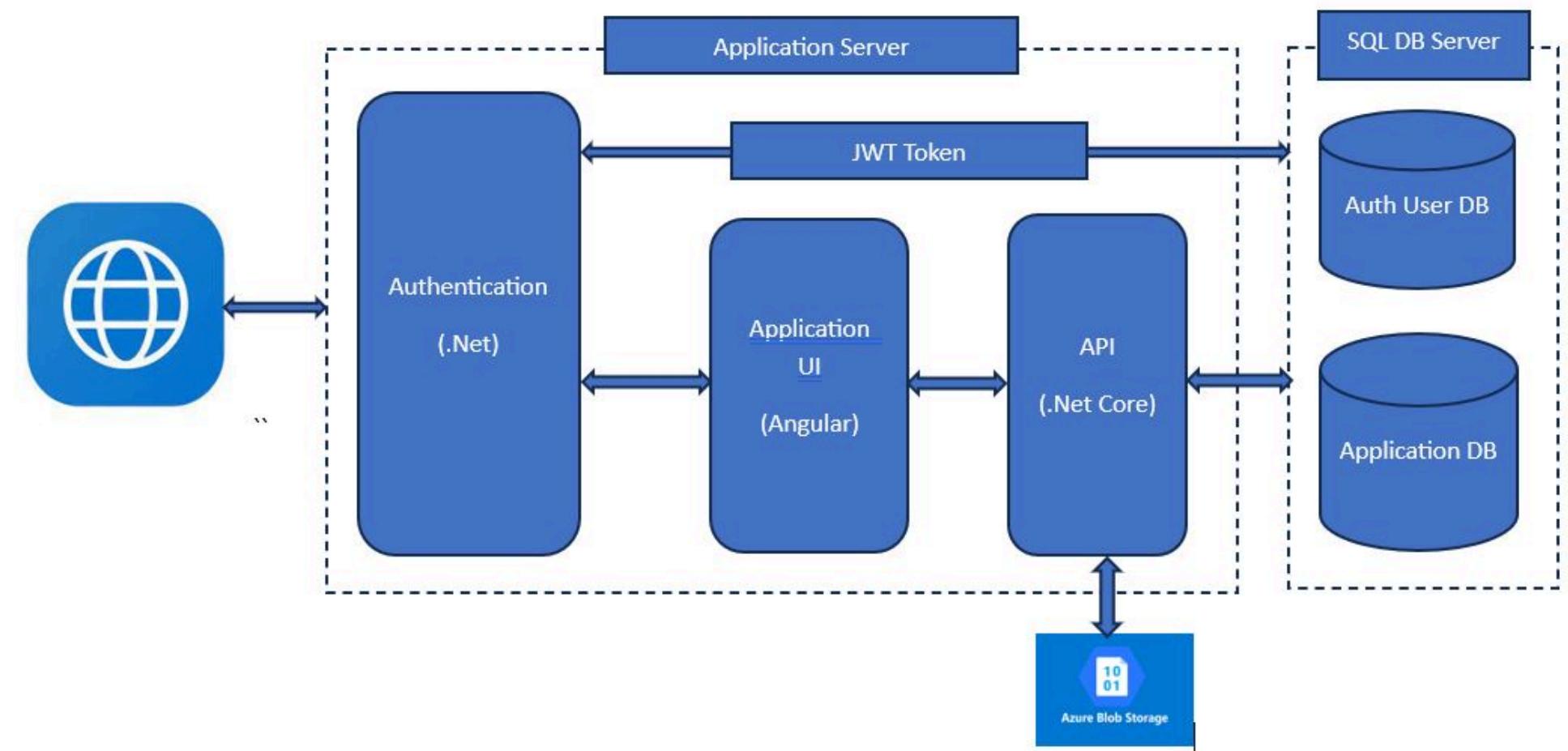
Case Study - 3

Objective

Deliver Scalable and Secure Web Applications

Solution

- **n-Tier Architecture:** Provides a scalable and secure foundation for web application development, separating presentation, business logic, and data access layers.
- **.NET Core APIs :** Employing .NET Core APIs in the middle tier facilitates communication between the user interface and back-end systems like databases and storage. These APIs also integrate with SMTP services for email functionality.
- **SQL Server Management:** Leverage SQL Server for data storage and utilize stored procedures and functions to optimize database interactions and enhance application performance.



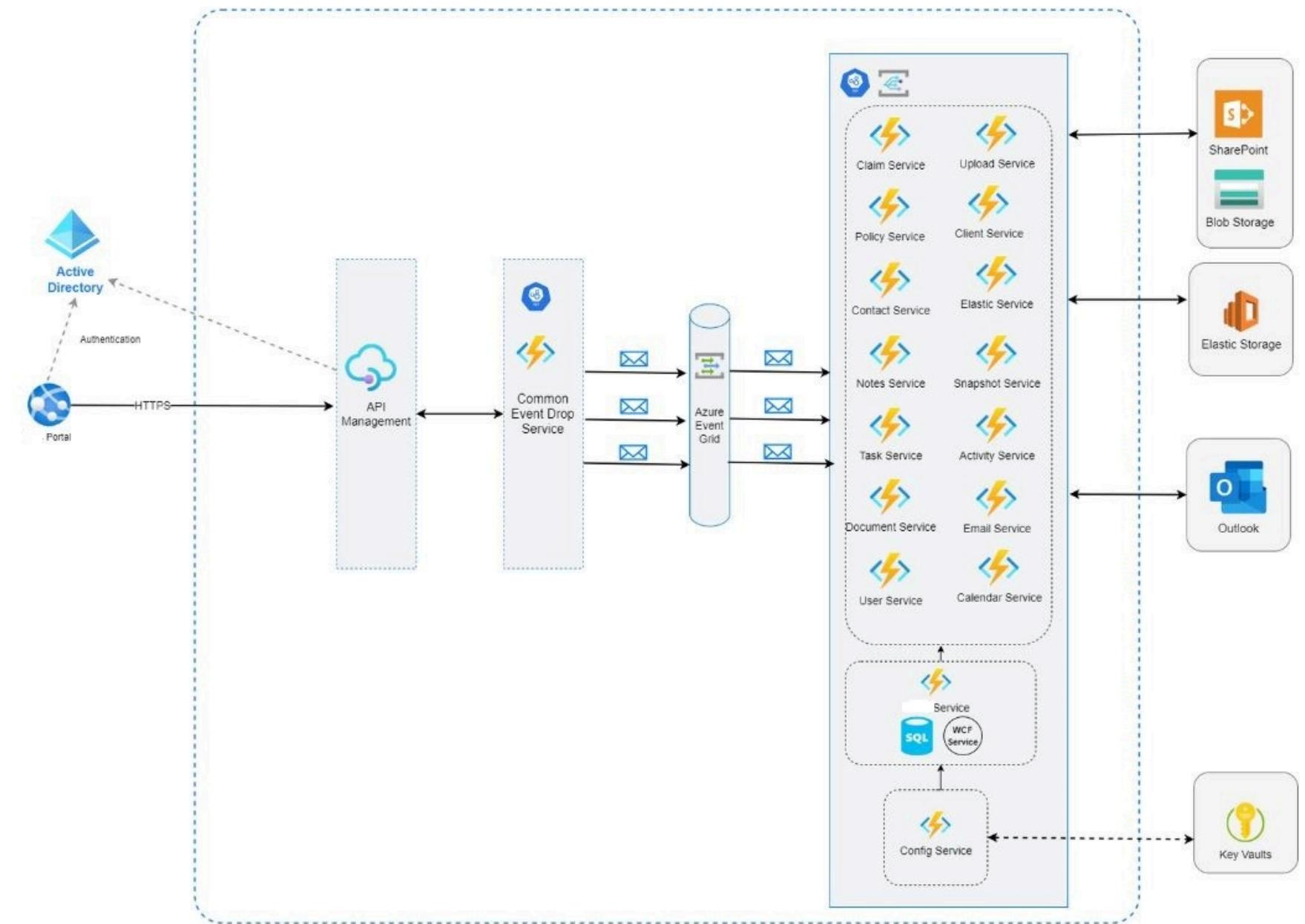
Case Study - 4

Objective

Implement Secure and Scalable Cloud-Based Architecture

Solution

- **Azure Active Directory Authentication:** Integrates Microsoft Authentication Library (MSAL) for user authentication, ensuring secure access control through Azure Active Directory.
- **API Management Service:** Utilizes Azure API Management to publish, secure, maintain, and monitor APIs.
- **Azure Functions & Event Grid:** Leverages Azure Functions as a common event drop service to route data to various Azure Event Grid topics, trigger downstream actions such as processing data in Blob Storage, Elastic Storage, or integrating with Outlook.
- **Azure Key Vault:** Employs Azure Key Vault for secure storage and access control of all sensitive keys



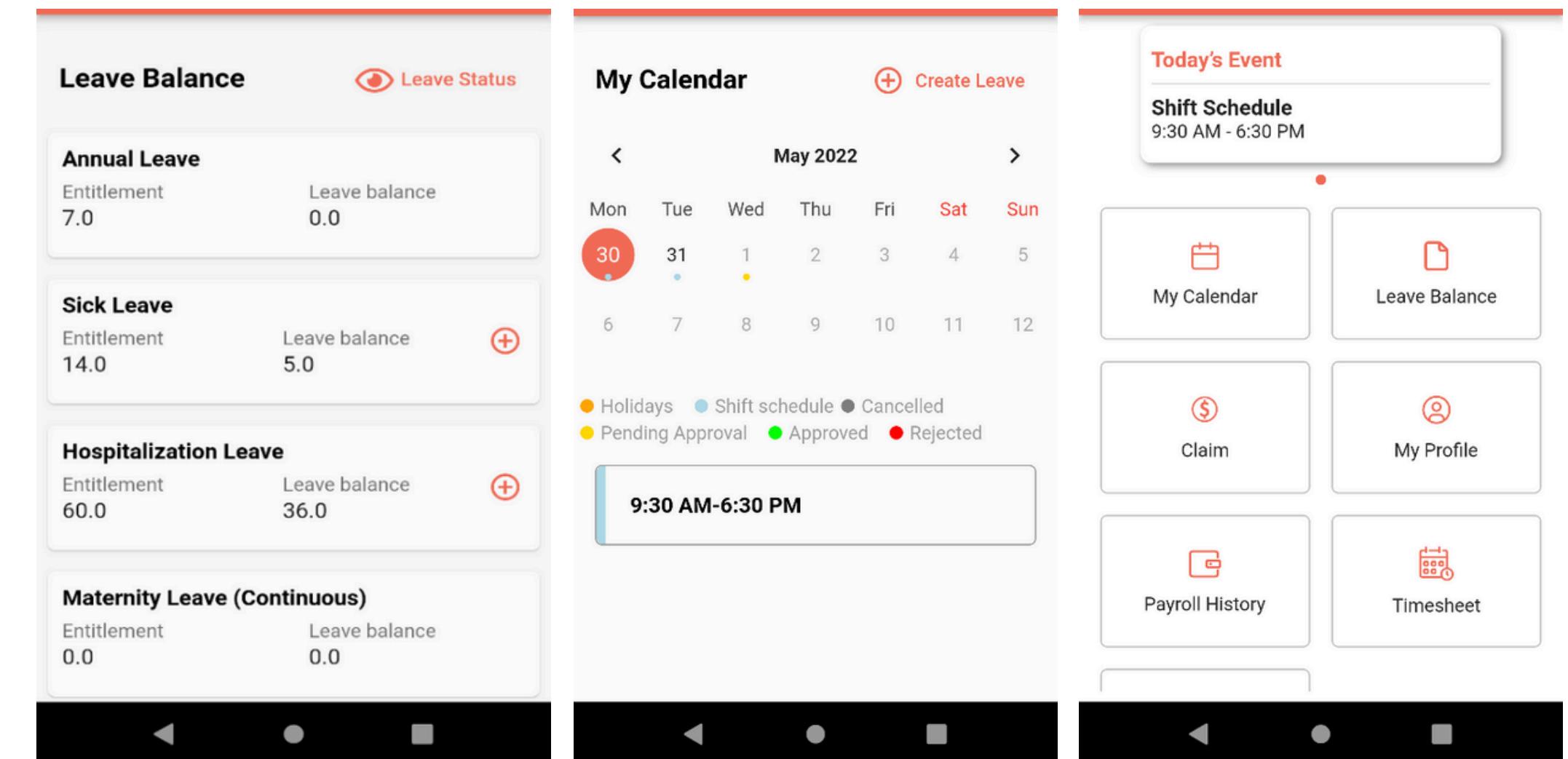
Case Study - 5

Objective

Extend the current legacy web application to mobile maximizing the reuse of backend and database

Solution

- Developed mobile version of web portal using Flutter
- Developed simple to use workflows aiding completion of task in one go
- Reused the existing DB and created the Web APIs using .Net Core



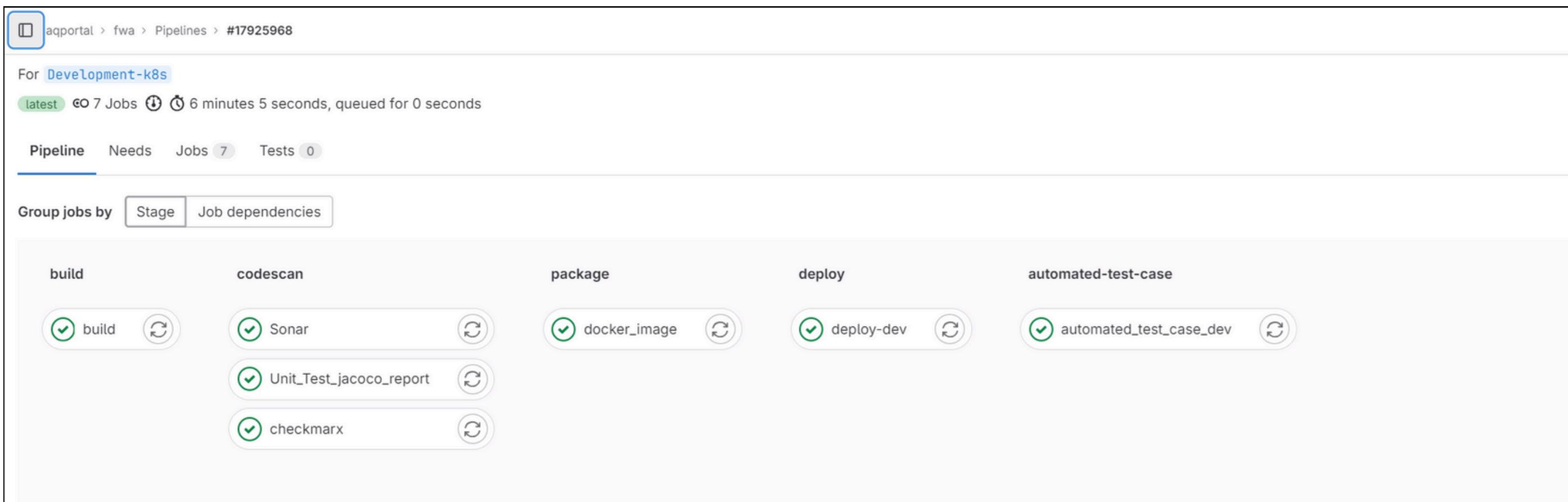
Case Study - 6

Objective

Enable cloud deployments of legacy application

Solution

- Upgrade legacy applications to cloud enabled versions
- Migrate obsolete tech stack to current tech stack
- Build CI/CD pipelines for various environments
- Automated test suite to qualify builds



Business Models

Tailored for Business Needs

ODC

OFFSHORE DEVELOPMENT CENTER

Extended Arm. Dedicated development facility, people, processes, infrastructure and support services

BOT

BUILD, OPERATE & TRANSITION

Aimed to build the solutions. Go-live and reach to the Run-phase. Transition of project, people and infrastructure etc.

TKP

TURN-KEY PROJECTS

Fixed or T&M model to accomplish fixed scope, time to market and approved effort/budget

R&D

RESEARCH AND DEVELOPMENT, POC/MVP

Typically short. To prove the capabilities and get confidence to invest in the direction of domain and technology

- Onsite
- Offshore
- Hybrid

- T&M
- Fixed
- Hybrid



Contact Us

Let's Transform Your Business Together

 contact@ionidea.com

 www.ionidea.com

