



Navigating Enterprise Application Development and Maintenance

Our Capabilities & Experience

Audax labs is an Innovation Partner with a strong System Integrator background. We work with enterprise clients in their innovation journey from ideation to enterprise grade deployment.

PARTNERS

HITACHI
Inspire the Next

Microsoft
Solutions Partner

talend Partners

Google Cloud
Partner

CUSTOMERS

HITACHI
Inspire the Next

Microsoft

Parker

KARMA

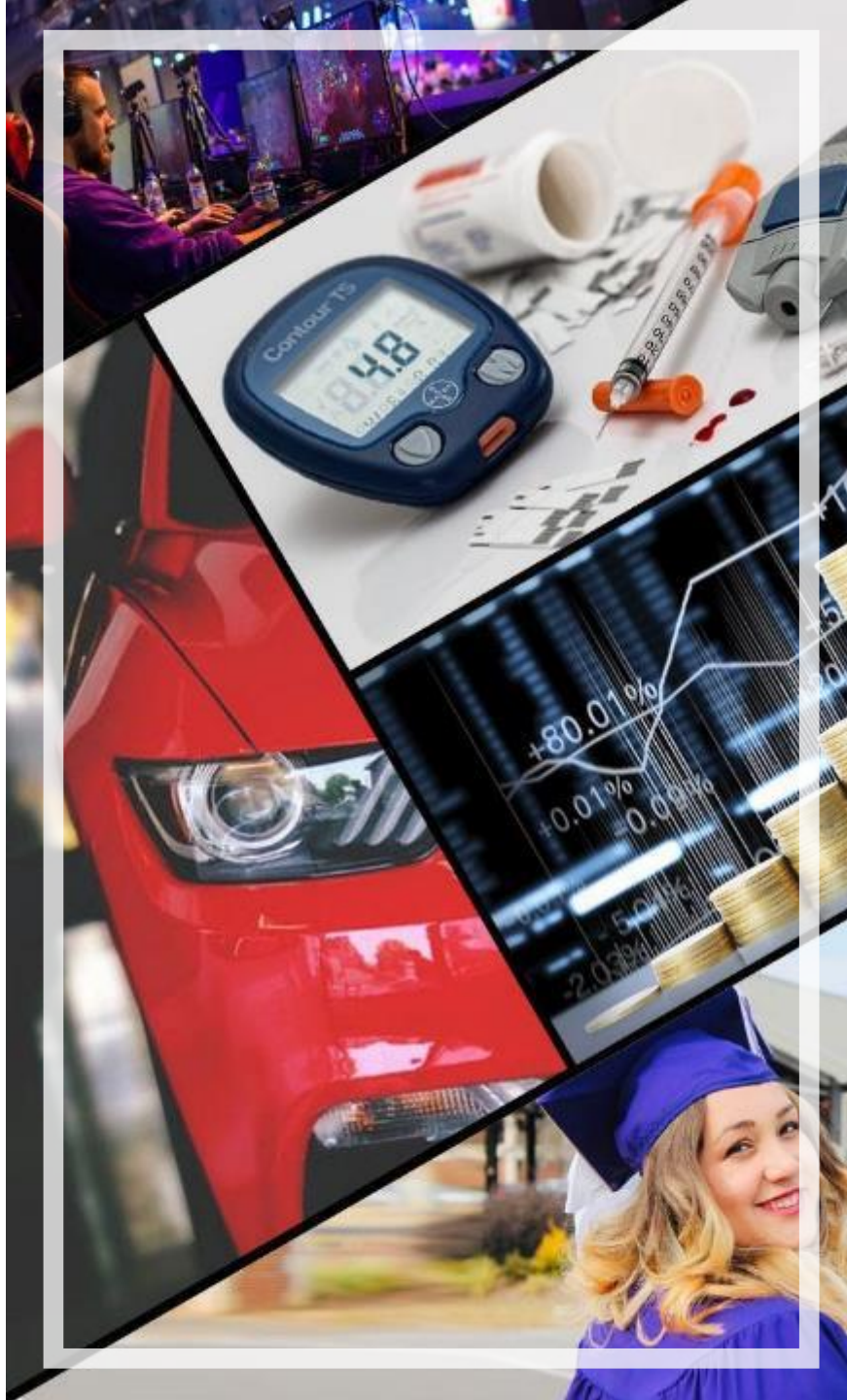
EV Bike Manufacturer

Rabobank

9to5
seating

Kelvin

Bonsai
mediagroup



AUDAX
LABS

INDUSTRIES

Automotive

Manufacturing

Healthcare

BFSI

Retail

TECHNOLOGIES

AI
Artificial Intelligence

AR, VR, & XR
Augmented Reality

IoT
Internet of Things

Cloud
Storage & Computing

Data
Managing Data lifecycle

GLOBAL PRESENCE



Importance of Enterprise Application Development

Driving Business Excellence



Enhancing Efficiency

- Streamlining operations and processes.



Scalability

- Adapting to business growth and changing demands.



Competitive Edge

- Staying ahead with innovative solutions.



Data Security

- Ensuring robust protection for sensitive information.

Challenges Faced by Enterprises in Application Development



Legacy Systems

Integrating with existing infrastructure.



Security Concerns

Protecting against cyber threats.



Scalability

Adapting applications to changing business needs.



User Experience

Meeting the expectations of modern users.



Compliance

Ensuring adherence to industry regulations.

Steps for Successful Enterprise Application Development



Strategic Planning

Aligning development with business goals.



Agile Methodology

Iterative and collaborative development.



(CI/CD) Continuous Integration / Continuous Deployment

Ensuring efficient code delivery.



Cloud Adoption

Leveraging the flexibility and scalability of cloud solutions.



User-Centric Design

Prioritizing the end-user experience.



Regular Maintenance

Proactive updates and issue resolution.

Microsoft Tools for Enterprise Application Development



Microsoft's Visual Studio

Integrated development environment for code creation and debugging.



Azure DevOps

Streamlining collaboration, code deployment, and monitoring.



.NET Core

Cross-platform, high-performance framework for building modern, cloud-based, and on-premises applications.

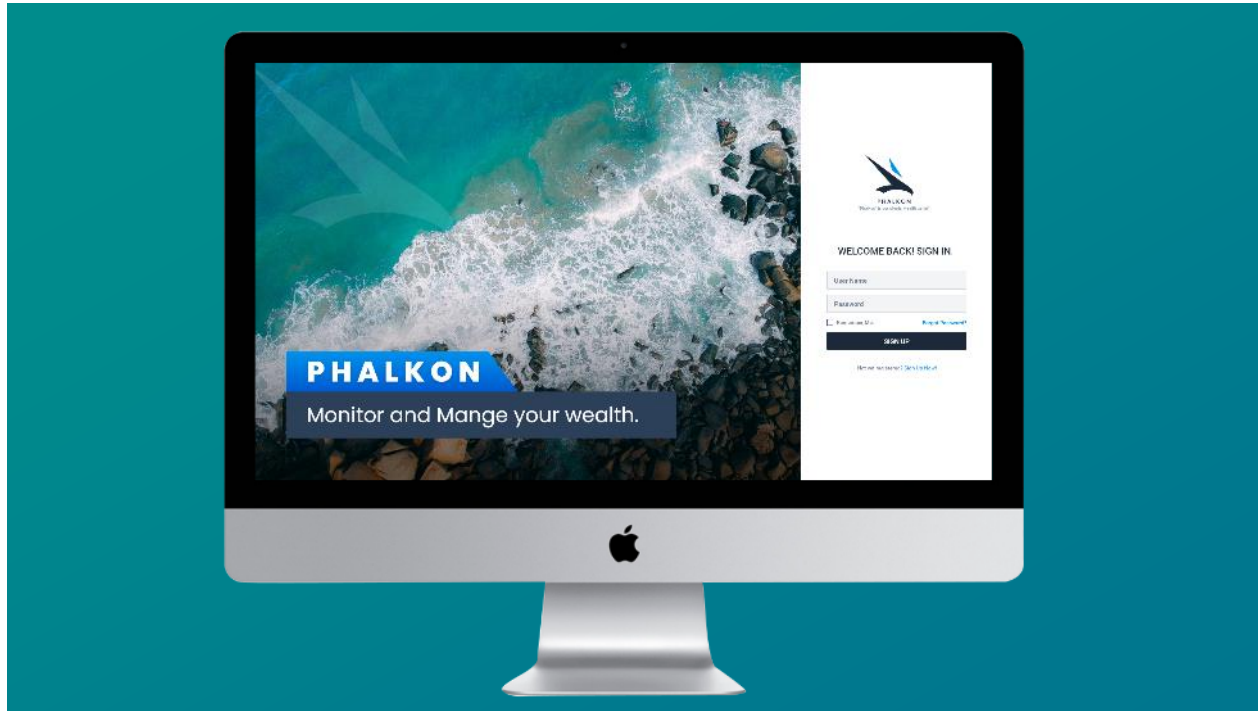


SQL Server

Robust database management for secure and scalable data storage.

Luz Capital Application modernization

from Microsoft Access to Microsoft Azure .NET and PowerBI



Challenge:

Luz Capital, a Mexico based wealth management consulting for private banking and hedge funds needed capability to manage hedge funds, present risks, and allowed their customers to control their wealth instantly.

Luz Capital wanted to enhance their legacy system and migrate from on-premise to cloud and make it scalable and secure.



Solution:

Audax Labs developed Wealth Management Application on Azure Cloud which is highly scalable and secure. The application provide high performance and support to thousands of concurrent users with different authorization levels. The legacy system functionalities like end of day process, custodian data input etc. were automated.



Outcome (ROI):

- Supports multiple user roles
- Enhanced user security
- Fully Scalable
- Faster and efficient operations
- Powerful data visualization and insights



Solution Component:



Migration from WCS Commerce migration from AIX to Azure Cloud



Challenge:

Parker's existing applications are on Java/J2EE platform and were developed 10 years ago. The Java application provides e-commerce platform to the businesses. There are around 1,000,000 unique users/month. They want to move their applications, databases to cloud (Azure) which are currently in AIX. They also want to move their existing IBM WebSphere Commerce and DB2 databases to Enterprise Red Hat Linux servers on Azure.



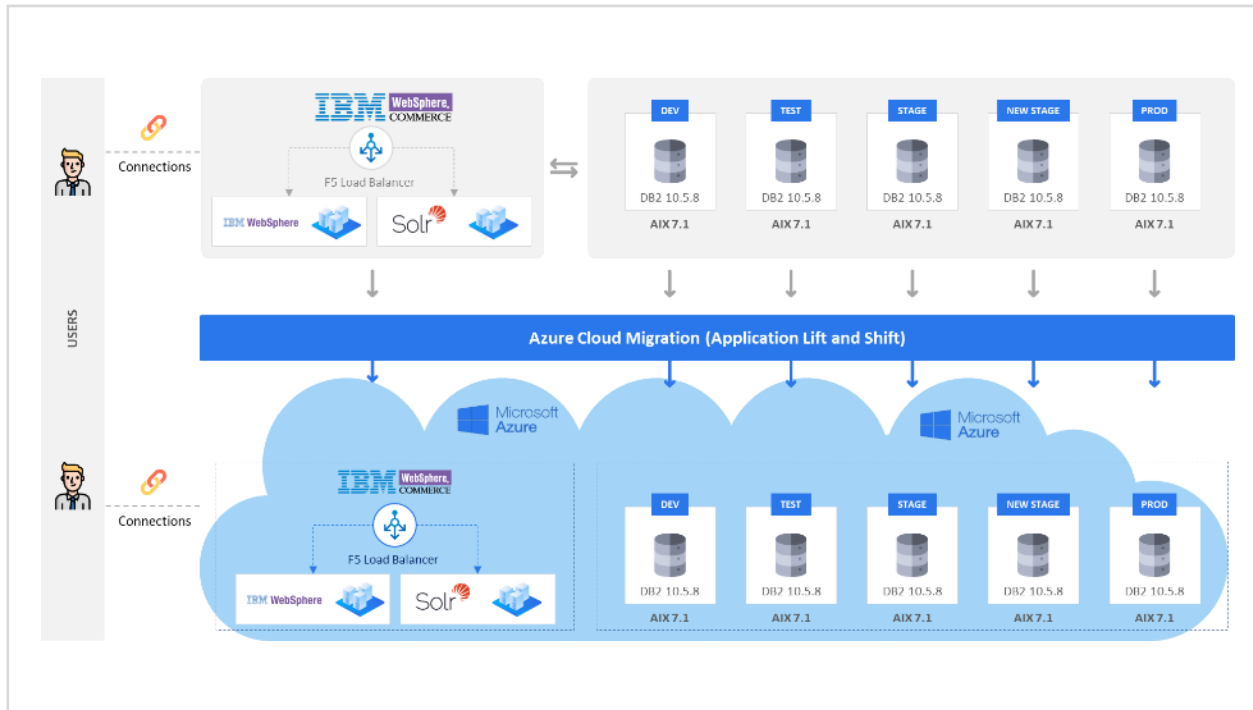
Solution:

Audax Labs planned that migration of their existing Java applications will be done through lift and shift approach. After planning a POC was completed successfully. Audax Labs then migrated the application and tested it thoroughly. Audax Labs also ensured to provide post migration support to fix any unforeseen issues and optimize performance.

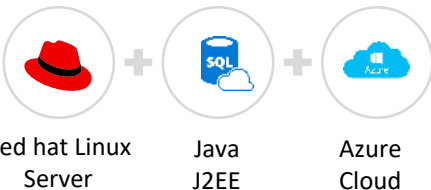


Outcome (ROI):

- Highly available stable environment
- easily scalable
- Agility for Digital Transformation
- Cloud Compatibility
- ISV Solutions
- Accessibility to data for analytics



Solution Component:



Red hat Linux Server

Java J2EE

Azure Cloud



Outcome Driven Innovation!
