TAILWINDS™

THE UI FOR AI

BUILT ON **Amazon Bedrock**

POWERED BY **IBM watsonx Assistant**

A K R U

AKRU provides access to premium real estate through fractional ownership. With a mission to make real estate investing more accessible, AKRU's platform allows individuals to invest as little as $1,000 while managing complex property documentation and financial distributions for both investors and asset owners.

Because of the inherent need for documents in real estate transactions, manual legal and tax documentation creates a heavy burden on staffing. AKRU partnered with Innovative Solutions to implement a generative AI-powered document processing solution using its Tailwinds product, Amazon Bedrock, and IBM watsonx. As a result, software running on Amazon Web Services is now processing and preparing documentation more quickly and just as accurately as humans at a fraction of the cost. This transformation has improved operational efficiencies that allows AKRU continue to invest in growth.

BUSINESS OBJECTIVES

1	**Enhance the existing Pitch Gauge SaaS platform with AI-powered capabilities.**
2	**Provide instant, accurate feedback on roof photos to contractors.**
3	**Offer proactive advice on estimating and potential risks.**
4	**Increase the value proposition for end customers.**

THE CHALLENGE

AKRU is experiencing rapid growth, leading to an increasing volume of complex property documents requiring detailed analysis and data extraction. Their team of real estate experts was spending significant time manually reviewing documents to extract crucial information such as Net Operating Income (NOI), property prices, debt amounts, and partner information. This manual process was not only time-consuming but also prone to human error, which required additional costs to double-check.

The company needed a solution that could automate these processes while maintaining high accuracy and compliance standards, allowing their team to focus on higher-value activities and platform growth.

THE SOLUTION

Innovative designed a comprehensive AI solution using its Tailwinds software, leveraging the power of Amazon Bedrock and advanced language models. The solution included:

- ✓ Implementation of AI-powered document processing using Tailwinds' intelligent document extraction capabilities
- ✓ Custom-built workflows for automated waterfall calculations and partnership distribution analysis
- ✓ Integration with AKRU's existing platform for seamless data flow and processing

ARCHITECTURE

The solution architecture leverages Tailwinds' AI workflow automation platform, integrated with watsonx software from IBM and running on AWS, for secure and scalable AI processing. The system includes:

- ✓ Document ingestion and preprocessing pipeline
- ✓ AI-powered data extraction engine
- ✓ Automated calculation and verification systems
- ✓ Secure document generation and storage
- ✓ Integration with existing financial and investor management systems

TRANSFORMING THE CUSTOMER EXPERIENCE

The implementation of AI-powered document processing will transform AKRU's operations, enabling faster, more accurate processing of property documents and financial calculations.

KEY ANTICIPATED RESULTS

75% reduction in document processing time

90% improvement in data extraction accuracy

40% reduction in operational costs related to document processing

Enhanced scalability of operations without proportional cost increase

CUSTOMER TESTIMONIAL

"Innovative rapidly built technology that transforms how we handle property documentation and tax processing. What used to take our team days will happen in hours, allowing our team of experts to focus on higher value client interactions, edge cases, and quality."

- Mohsin Masud, Chief Executive Officer, AKRU

WHY WORK WITH A GENAI PARTNER

Innovative Solutions is a Premier Tier AWS Partner, specializing in AI and machine learning solutions. Our Tailwinds platform, coupled with expertise in Amazon Bedrock and IBM watsonx Assistant, enables businesses to leverage cutting-edge technology to solve complex challenges and drive growth rapidly and efficiently.

For more information on how Innovative Solutions and our Tailwinds platform can help transform your business with AI-powered solutions, visit **innovativesol.com/tailwinds**.

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