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Enterprise application development for a leading utility transmission manufacturer



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Service offered: Enterprise app development and automation of RFQ lifecycle for a manufacturer of utility transmission parts.

Industry: Manufacturing, utility & power

BACKGROUND

The client, based out of Singapore, is a leading manufacturer of utility transmission structures and small cell towers for the telecommunications and utility industries across the globe. With the constantly growing operational complexities, they approached us to modernize all their business processes through a custom enterprise app that could help streamline operations, improve collaboration across departments, and enhance decision-making.

The client's existing systems were fragmented, outdated, and inefficient, leading to several challenges such as a lack of real-time data visibility, disconnected processes, high reliance on manual workflows, etc. So, they needed a perfect solution to overcome these business hurdles.

SOLUTION IMPLEMENTED

- We had regular discussion sessions with the client to understand their expectations and developed a custom enterprise app to address their specific requirements.
- An intuitive dashboard was developed that consolidated information from different departments into a unified platform.
- Implemented automation to avoid manual processes and minimize errors in critical operations like inventory tracking, order management, etc
- Developed on a modular architecture, the app was designed to scale perfectly with the client's growth. It was adaptable enough to include features like IoT-enabled equipment monitoring and AI-driven predictive analytics.

OUTCOMES



30%

Streamlined pre-manufacturing processes



2x

Increased Real-time data visibility



35%

Increase in operational efficiency

The client was happy with the enterprise app developed as it helped them transform operations, becoming more efficient, agile, and future-ready. The solution not only addressed their challenges but also helped them benefit from trending technologies and golden business opportunities.

Technology Used

 Kotlin

 spring boot

 Microsoft SQL Server

 Azure DevOps