

Trevoliq Systems Collaborates with Bacancy to Upgrade React & Node Platform with Integration of AI Chatbot

Los Angeles, California Oct 31, 2025 ([IssueWire.com](https://www.issuewire.com)) - Trevoliq Systems, a SaaS company providing business intelligence and digital collaborative solutions, collaborated with Bacancy Technology, a global software development and digital transformation firm, to re-engineer its React and Node.js platform. The project features a customized AI chatbot that has transformed the platform into an intelligent, scalable, and responsive digital solution, enabling faster and more intelligent user interactions.

Trevoliq Systems aimed to enhance the platform's performance, elevate user activity, and provide real-time, AI-driven support to its growing enterprise customers. By engaging with Bacancy, the firm can streamline both the frontend and backend infrastructure, priming the platform for future potential AI enhancements.

Key Highlights Of The Project

Front-End Modernization: The React interface was reimagined to deliver faster performance, smoother browsing, and device-optimized responsiveness, aiming to provide an easier-to-use interface.

Backend Optimization: The Node.js architecture had been restructured into microservices to improve reliability and scalability and to deploy updates without downtime.

Integration with Chatbot: A dedicated NLP-driven chatbot for AI was utilized to manage onboarding, FAQs, and support questions independently, providing intelligent and context-sensitive interactions that boosted user engagement and minimized manual support volumes.

Data-Driven Insights: Advanced dashboard analytics track user activity and platform behavior to provide actionable feedback in making business decisions.

Security Improvements: Multi-tiered validation, secure communication with encryption, and protected APIs provide strong security for sensitive business and client information.

DevOps & Continuous Deployment: An automated CI/CD pipeline enables frequent deployments in quick succession, maintaining constant uptime, along with proactive system performance monitoring.

Business Impact

Modernization has led to a decrease in support tickets, increased user retention, higher engagement, and enhanced platform scalability for future innovations in the field of AI. Trevoliq Systems provides an intelligent, real-time, and highly effective digital experience for users.

"The modernization has changed how we support our users. The platform is faster, more innovative, and scalable for future features like AI, and the chatbot provides instant and precise support. This project provides the foundation for future innovations,"- Trevoliq Systems Product Development Chief.

Trevoliq Systems utilized Bacancy's expert [AI integration service](#) to enhance its platform with intelligent automation, real-time assistance, and enhanced user interactions. This partnership has enhanced the

scalability and efficacy of the platform, enabling Trevoliq Systems to deliver AI-centric solutions that meet the evolving needs of its enterprise customers.

About Bacancy

Founded in 2011, Bacancy is a global leader in agile software development, digital consulting, and enterprise transformation. With over 1,000 engineers worldwide, the company delivers advanced solutions in AI/ML integration, cloud-native architecture, robotic process automation (RPA), and end-to-end product engineering. Bacancy continues to invest in talent, technology, and strategic growth to support organizations in building scalable, innovative digital ecosystems.

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