

AquaExchange Secures Fresh Capital to Expand AI and IoT in Shrimp Farming

10 March 2026 | News

The company has emerged as a category leader in aquaculture technology, becoming the first firm in India to automate more than 25 per cent of shrimp farms across the country



The company has emerged as a category leader in aquaculture technology, becoming the first firm in India to automate more than 25 per cent of shrimp farms across the country

India-based aquaculture technology firm AquaExchange has secured \$8 million in Series B funding to expand its technology-driven solutions for the global seafood supply chain. The funding round was co-led by Endiya Partners and Factor Analytics, with participation from existing investor Accion Ventures. Blue economy-focused investment firm Ocean 14 Capital also continues to support the company.

Headquartered in Vijayawada, AquaExchange was founded by Pavan Kosaraju, Hemasundar Dhavili, Kareem Mohammad, and Kiran Bandi to modernise seafood and animal protein supply chains through digital technologies. The company has developed a full-stack technology ecosystem integrating Internet of Things (IoT) automation, proprietary AI and machine learning analytics, real-time farm monitoring, embedded finance, and market linkages. The platform enables aquaculture farmers and supply chain stakeholders to digitise and optimise operations at scale.

The company has emerged as a category leader in aquaculture technology, becoming the first firm in India to automate more than 25 per cent of shrimp farms across the country. Its revenue is projected to reach Rs 275 crore in FY26, while revenues from its technology division have grown sixfold over the past year, reflecting the rapid adoption of digital tools in aquaculture.

Currently, the company's IoT- and AI-powered solutions operate across five Indian states, while its global platform monitors more than 80,000 acres of aquaculture farms. Internationally, AquaExchange has expanded operations to Ecuador, Saudi Arabia, and Madagascar, and has been onboarded as a technology partner by three of the world's largest shrimp producers.

The company expects to achieve EBITDA profitability within the current financial year, highlighting the scalability and operating leverage of its technology platform.

Commenting on the development, founder Pavan Kosaraju said the company remains committed to a "Farmer First" approach to transforming aquaculture through technology. He noted that the new funding will help strengthen the company's leadership in India while expanding its presence in global technology export markets.

Kosaraju added that AquaExchange plans to equip more small and medium aquaculture farmers with advanced technology tools, including proprietary AI services designed to deliver predictive disease monitoring solutions, aimed at improving crop success rates both in India and overseas. The company also plans to diversify into other agri-asset classes where its full-stack technology offerings can be replicated.

Through its platform—which includes IoT devices, AI-driven predictive health monitoring, and on-ground advisory—AquaExchange has helped improve crop success rates to around 85 per cent on farms using its technology, compared with the industry benchmark of 55–60 per cent.