

Milan Karunaratne

Digital Applied Innovation & Analytics Leader, Wabtec



Milan has over a decade of experience in the transportation industry working for GE and Wabtec Corporation. A graduate of GE's Edison Leadership Development Program, Milan has held various engineering roles with global exposure spanning diesel engine validation & reliability, control system diagnostics and systems innovation. He has extensive experience building and leading efforts on advanced analytics and machine learning predictive models for large scale assets, advancing the Industrial Internet of Things.

Currently, Milan heads the global Digital Applied Innovation team that he founded under the office of the CTO at Wabtec.

Bringing an entrepreneurial spirit to a large enterprise, this dedicated team of Artificial Intelligence (AI) data scientists, machine learning engineers and product strategists is focused around driving disruptive innovation and new digital product development across Wabtec's portfolio of businesses. Milan has nearly 20 patents granted throughout his tenure at GE/Wabtec and has grown that culture of applied innovation within his team. His team builds strategic product development road maps and executes effective minimum viable products (MVP's) that enable new AI solutions to scale successfully.

He holds a B.E. and M.S. in Mechanical Engineering from Stony Brook University in New York and an MBA from UCLA Anderson School of Management, where he continues to serve as a GAP Fellow and advisor to UCLA's Venture Accelerator. He is a passionate musician and cricket fan. Milan lives in California with his wife and two sons.