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Srikanth Yoginath is a R&D staff member of the Modeling and Simulation Group in the Computational Sciences and Engineering Division at Oak Ridge National Laboratory. His expertise is in design and development of parallel and distributed computing applications.

He is currently participating in the *RealSim* project that focuses on real-time, scalable solutions to critical applications, such as emergency management and asset tracking, using a data-driven simulations approach. The modeling core leverages data streams from sensor-networks and archived data, and the simulation core of the project involves applying high-performance computing for real-time/scalability. He is involved in the design and development of the parallel discrete event vehicular traffic simulation model.

Previously, he worked on the design and development of Parallel-R add-on packages, namely *RScalLAPACK*, *taskPR*, *DPCA*, *ClimatePkg* and *pR*. The add-on packages that can be dynamically loaded into R (an environment for statistical computing and graphics) provides various parallel computation capabilities to the user. His work can also be found in the areas of GRID computing and discrete-event computer network simulation. He has a Bachelor of Engineering degree in Telecommunications, from Bangalore University, India and a Master of Science in Computer Science from Illinois Institute of Technology, Chicago.