MPI Software Engineer (full-time)

Overview:
X-ScaleSolutions is a start-up based in Columbus, Ohio. We specialize in a range of high-performance and scalable solutions for current generation systems ranging from small deployments of a couple systems to multi-petaflop systems and the emerging Exascale systems. The mission of the company is to develop innovative and leading-edge software products, with a focus on four areas: 1) High-Performance Computing, 2) Deep/Machine Learning, 3) Big Data, and 4) Cloud Computing.

Are you interested in working on state-of-the-art hardware, software and middleware?

X-ScaleSolutions is looking for an enthusiastic MPI Software Engineer with desired experience in High-Performance Computing (HPC), Message Passing Interface (MPI), and network programming with modern HPC interconnects (InfiniBand, Omni-path, 10-100GigE/iWARP and RoCE) and accelerators (GPUs) to join our team.

The MPI software engineer is expected to take a lead role in projects to design and develop production quality MPI code with novel features.

Technical expertise required:
- Strong experience in Linux
- C programming
- MPI Library (design and debugging) experience
- Experience on HPC technologies and platforms

The ideal candidate will have:
- Multiple years of experience in HPC, MPI standard, multi-core processors, GPUs/accelerators.
- Knowledge of InfiniBand, High Speed Ethernet, Omni-Path, or similar high-performance networking technologies.
- Familiar with the typical design cycle (design, develop, test, tune, release, bug fixes, etc.) for producing and maintaining high quality software and the associated tools
- Demonstrate strong analytical, troubleshooting and problem-solving skills
- Strong communication, organizational and customer service skills
- The ability to work in a team setting
- A background in computer science or computer engineering

This is a full-time position, though part-time candidates will be considered. Flexible schedule and remote position. Healthcare, retirement and PTO package provided. Must be eligible to work in the US.

Please contact us (contactus@x-scalesolutions.com) with a copy of your resume.