

Software Engineer, Core Performance

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Company: Redpanda Data

Location: United Kingdom

Category: computer-and-mathematical

About the Role

The Core Engineering team's mission is to create the best data streaming platform. The team consists of experts in foundational technologies such as Raft/consensus, transactions and distributed storage, who have come together to build a differentiated, highly performant product with compelling traction in the market. We work closely across multiple functions at Redpanda and our work directly drives key business metrics through various SaaS and self-managed offerings. Redpanda is growing and so are we.

We are looking for a performance and scalability expert who will help with the Core Engineering team's mandate to push Redpanda's scale and performance up to the limit of what the underlying hardware is capable of. Low latency is a core tenet of our product philosophy.

You will:

Play a key role in making Redpanda faster while we continue to build more features and capabilities

Contribute to understanding bottlenecks and hotspots in high throughput complex distributed systems

Optimize software, all the way from specific subsystems to large inter-system interactions employing varied tools and techniques

Build tooling and enable testing to ensure Redpanda's performance continues to be a first class citizen

Work with engineering team members who deeply care about our craft and take pride in what we deliver

Help shape Redpanda's future while learning and growing professionally

You have:

A strong understanding and experience in C++

Substantial relevant experience of at least 7 years in a professional role

Prior experience in working on deeply technical projects in the realm of performance optimization, scalability, concurrency and parallelism, replication protocols, and correctness

Passion for making software run faster and more efficiently through techniques such as compiler optimizations, cache-line access optimized data structures or compression techniques

Desire to further develop your skills in building scalable and performant systems

Pride in writing robust, well-abstracted code and care as much about deleting dead code as writing new code

Experience or desire to work with a 100% distributed engineering team, collaborating on GitHub, in the open

Excellent written communication skills

You are:

Passionate about world-class systems software development and the value it provides

Excited to roll up your sleeves and do what it takes to deliver objective results

Eager to thrive with the thrill and ethos of a fast growing startup

Accountable, bring a sense of ownership and are self-driven

U.S. base salary range for this role is \$186,000 - \$218,000 (CA, NY, WA) and \$177,000 - \$208,000 (other US locations). Our salary ranges are determined by role, level, and location. As a remote-first company, we strive to consider each candidate's job-related skills, location, experience, relevant education or training to determine individual base salary. Your talent partner will share more about the specific salary range for your preferred location during the hiring process.

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