Principal Software Engineer

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Company: Microsoft

Location: Romania

Category: computer-and-mathematical

Overview

Azure is the world's leading cloud offering, trusted by hundreds of millions of users worldwide.

Azure Pilotfish Client team is a part of Azure Compute. We are managing service lifecycles for millions of machines in our data center. We are maintaining high availability guarantees at our end on the customer. Our work is used by third party Microsoft customers, first party Microsoft services like HDInsight, SQL Azure, Cosmos and Bing, in addition to core Compute, Cloudnet and Storage infrastructure. This work holds the key to unlocking rapid innovation while providing the most up-to-date services, and it has a multiplier effect for the entire company as it delivers on a smart underlying infrastructure for everyone to use.

We are looking for a highly motivated, passionate, and talented Principal Software Engineer to support Azure's explosive growth. The role involves the application of distributed system fundamentals, problem solving and growth mindset to create simple solutions to complex engineering problems. You will have the chance to learn and provide deep technical impact, product innovation, understand and leverage a wide variety of technologies ranging from internals of different networking devices to building highly resilient and scalable microservices.

Microsoft's mission is to empower every person and every organization on the planet to

achieve more. As employees we come together with a growth mindset, innovate to empower others, and collaborate to realize our shared goals. Each day we build on our values of respect, integrity, and accountability to create a culture of inclusion where everyone can thrive at work and beyond.

Qualifications

Required Qualifications:

Bachelor's Degree in Computer Science or related technical field AND Senior level technical engineering experience with coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or PythonOR equivalent experience.

Senior level experience in Rust/C/C++ object-oriented programming and distributed system.

Ability to multi-task while balancing short term and long-term needs is essential.

Preferred Qualifications:

Bachelor's Degree in Computer Science or related technical field AND Extended experience technical engineering experience with coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or PythonOR Master's Degree in Computer Science or related technical field AND Senior level technical engineering experience with coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or PythonOR equivalent experience.

Experience with Linux, SoC (System on a chip).

Demonstrated problem solving and debugging skills.

Other Qualifications:

Ability to meet Microsoft, customer and/or government security screening requirements are required for this role. These requirements include, but are not limited to the following specialized security screenings: Microsoft Cloud Background Check: This position will be required to pass the Microsoft Cloud Background Check upon hire/transfer and every two years thereafter.

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Responsibilities

Partners with appropriate stakeholders to determine user requirements for a set of

scenarios.

Leads identification of dependencies and the development of design documents for a product, application, service, or platform.

Leads by example and mentors others to produce extensible and maintainable code used across products.

Leverages subject-matter expertise of cross-product features with appropriate stakeholders (e.g., project managers) to drive multiple group's project plans, release plans, and work items.

Holds accountability as a Designated Responsible Individual (DRI), mentoring engineers across products/solutions, working on-call to monitor system/product/service for degradation, downtime, or interruptions.

Proactively seeks new knowledge and adapts to new trends, technical solutions, and patterns that will improve the availability, reliability, efficiency, observability, and performance of products while also driving consistency in monitoring and operations at scale and shares knowledge with other engineers.

Benefits/perks listed below may vary depending on the nature of your employment with Microsoft and the country where you work.Industry leading healthcareEducational resourcesDiscounts on products and servicesSavings and investmentsMaternity and paternity leaveGenerous time awayGiving programsOpportunities to network and connect

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