Software Development Engineer I 2025, Redshift

Job ID: 2850010 | Amazon.com Services LLC

DESCRIPTION

Amazon Redshift is the world's most popular fully managed cloud data warehouse. Tens of thousands of enterprise customers use Redshift to crunch through exabytes of data in the cloud to make business critical decisions every day. To stay ahead in such a mission critical setting, at Redshift, we must always re-invent ourselves for customers. We are always looking for the innovative engineers to help shape the future of Redshift.

About the team

Distributed data management is at the heart of Amazon Redshift data analytics services and is responsible for delivering ultra-fast and highly scalable performance. We are building and operating large scale, distributed, fault-tolerant data and transaction management solutions using specialized data structures, distributed consensus algorithms and many other advanced technologies. We are working with AWS platform teams in shaping requirements and solutions for next generation platforms to run database/analytics applications.

Our team consists of industry leading innovators, with multitudes of patents and research publications in this space. We are a fun-loving team, that is passionate about ideating, designing, delivering and operating data analytics services to delight customers with extreme performance and scalability. We are distributed across many locations in US, Germany, and are expanding in other geographies.

If you are interested to contribute to the next generation hyper-scale data analytics services and architecture, are curious and get things done, we would like you to consider our team.

Key job responsibilities
• Design, implement and deliver state-of-the-art distributed, high-performance data and transaction management processing algorithms and solutions.
• Deploy and monitor new features in a highly available and fault tolerant system running in the cloud.

BASIC QUALIFICATIONS

• Currently enrolled in or completed a Bachelors Degree or higher in Computer Science, Computer Engineering, or majors relating to these fields.
• To qualify, applicants should have earned a Bachelors degree or higher between October 2023 and Fall 2025 and/or graduated within the last 24 months.
• Possible start dates for this role are between January 2025 and October 2025
• Programming experience with at least one modern language such as Java, C++, or C# including object-oriented design
• Internship, project, or academic experience in at least one of the areas: internals, kernel, OS/storage systems, job scheduling, resource management, file systems, search, or performance engineering

PREFERRED QUALIFICATIONS

safeguard business operations and the Company's reputation. Pursuant to the Los Angeles County Fair Chance Ordinance, we will consider for employment qualified applicants with arrest and conviction records.

Our inclusive culture empowers Amazonians to deliver the best results for our customers. If you have a disability and need a workplace accommodation or adjustment during the application and hiring process, including support for the interview or onboarding process, please visit https://amazon.jobs/content/en/how-we-hire/accommodations for more information. If the country/region you're applying in isn't listed, please contact your Recruiting Partner.

Our compensation reflects the cost of labor across several US geographic markets. The base pay for this position ranges from $99,500/year in our lowest geographic market up to $200,000/year in our highest geographic market. Pay is based on a number of factors including market location and may vary depending on job-related knowledge, skills, and experience. Amazon is a total compensation company. Dependent on the position offered, equity, sign-on payments, and other forms of compensation may be provided as part of a total compensation package, in addition to a full range of medical, financial, and/or other benefits. For more information, please visit https://www.aboutamazon.com/workplace/employee-benefits. This position will remain posted until filled. Applicants should apply via our internal or external career site.

JOIN US ON   f   in   @   y

Notice of Right to Opt-Out Sharing

Amazon Jobs uses cookies and similar tools such as pixels (collectively, "cookies") for advertising purposes. The cookies collect and share information about you with third-parties to serve you with relevant advertisements and job recommendations based on your interactions with Amazon Jobs and third-party sites. California residents may exercise their right to opt-out of the sharing of information for advertising purposes by clicking toggling the buttons below. You can also manage your cookie preferences through the Cookie Preference Center.

For more information about how we use cookies and information of how we collect cookies, please visit our Candidate Cookie Notice and Candidate Privacy Notice and the California supplement notice.

Customize cookies