

Software Development Engineer – TRMS

Abuse Prevention Services strives to protect Amazon businesses exposed to customer abuse while maintaining the highest level of customer experience for our good customers. This means building highly sophisticated, data-centric systems that can detect abusive patterns across millions of transactions. We build highly scalable, flexible and distributed systems that utilize the power of data at every step - compute predictive variables, build models using machine learning algorithms and plug into different pipelines to prevent abusive transactions from taking place. As Amazon businesses grow, abusers morph to find new ways to take undue advantage, our engineers and scientists are constantly innovating to stay ahead of the game and protect Amazon and our customers.

Amazon.com's Risk Management Team has a worldwide reputation as the #1 in eCommerce Fraud Prevention. Trust and Safety of our customers comes first. Always, we thrive on maintaining the highest bar of customer experience while we maintain those tenets. Do you want to join a team that uses cutting edge technology including machine learning and statistical modeling techniques, cloud computing services and highly available and scalable distributed systems that supports hundreds of millions of transactions across the globe?

Amazon's Transaction Risk Management Services (TRMS) group designs and builds high performance software systems and processes that identify and prevents fraudulent transactions across all Amazon platforms. We are looking for senior software engineers who have a strong sense of ownership and a passion for solving complex problems elegantly. Come help us build the next generation Risk Management platform, processes and detection algorithms. You will be highly encouraged to own, innovate and make significant contribution toward our long term vision and architecture.

Basic Qualifications

- Outstanding expertise in C++ or Java and object-oriented design.
- 4+ years professional experience in software development
- A solid understanding of relational databases and SQL.
- A strong background in algorithms and data structures.
- A focus on clean code and solid designs.
- At least a bachelor degree in computer science or equivalent
- The ability to work effectively under pressure in a dynamic environment

Preferred Qualifications

- A strong Linux (or UNIX) background.
- Experience with machine learning techniques.
- Experience with large-scale multi-tiered systems and service-oriented architecture.
- Experience with scripting languages such as Perl or Ruby

Job Location : Bangalore