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    If we let $L_1 = \{a^n b^m \mid n < m\}$, and $L_2 = \{a^n b^m \mid n > m\}$ $L = \{a, b\}^* - \{a^n b^n \mid n \in \mathbb{N}\}$ can be expressed as $L_1^* \cup L_2^* \cup (L_1^R)^* \cup (L_2^R)^*$. Union, Reveseral, and Star are closed under context-free languages, so L must also be context-free.