Convert the string to an array of char, and store it in a LinkedHashSet. That will preserve your ordering, and remove duplicates. Something like:

String string = "aabbccdefatafaz";

char[] chars = string.toCharArray();

Set<Character> charSet = new LinkedHashSet<Character>();

for (char c : chars) {

charSet.add(c);

}

StringBuilder sb = new StringBuilder();

for (Character character : charSet) {

sb.append(character);

}

System.out.println(sb.toString());