The error **net::ERR\_CERT\_AUTHORITY\_INVALID** in Chrome means:

⚠️ The certificate presented by your Tomcat server is **self-signed** or issued by an unknown Certificate Authority (CA).

This is **expected** when using a self-signed certificate for development.

**✅ How to Fix or Bypass**

You have **two choices**:

**🔒 Option 1: Trust the Certificate Authority (Recommended)**

**✅ Step-by-step (on Windows 11):**

1. **Export the certificate** from your .keystore:

bash

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keytool -export -alias tomcat -keystore server.keystore -rfc -file tomcat-cert.crt

*(Password: changeit, unless you used a different one)*

1. **Double-click tomcat-cert.crt** on Windows.
2. Click **Install Certificate**.
3. Choose:
   * ✅ **Local Machine** (admin privileges required)
   * ✅ Place into store: **Trusted Root Certification Authorities**
4. Click **Finish** → ✅ Restart your browser.