Enter configuration mode and set FastEthernet0/1 duplex, speed, and MDIX to auto and save the configuration to NVRAM.

S1#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

S1(config)#interface FastEthernet0/1

S1(config-if)#duplex auto

S1(config-if)#speed auto

S1(config-if)#mdix auto

End out of interface configuration mode and save the configuration to NVRAM.

S1(config-if)#end

%SYS-5-CONFIG\_I: Configured from console by console

S1#copy running-config startup-config

You have successfully configured duplex, speed, and Auto-MDIX settings on a switch interface and saved the configuration to NVRAM.