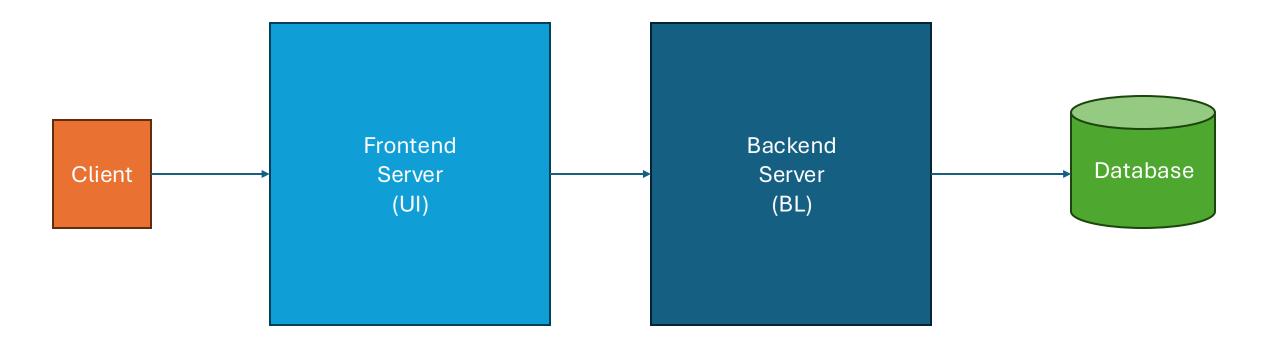
Roughwork

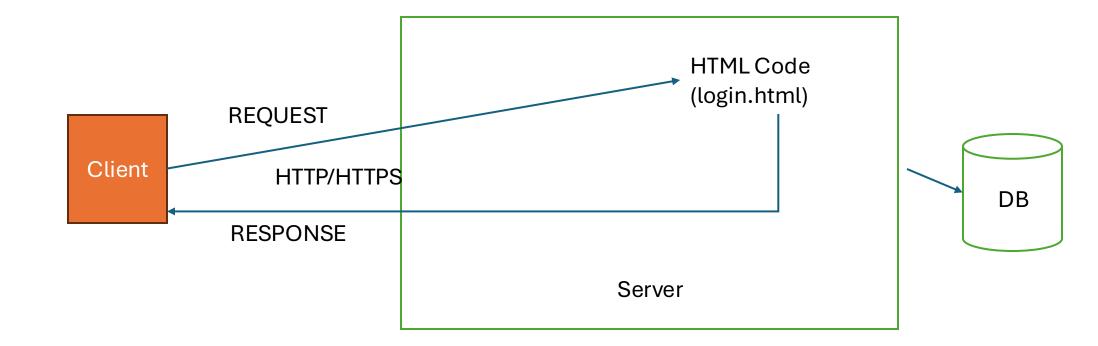
Prerequisites for developing/hosting a Website

- Development
 - Client side
 - HTML/CSS/JS
 - Frameworks/Libraries (Angular/React/,..)
 - Server side
 - Java/.NET/Python/JS (Node.js)/...
- Hosting
 - A name for my website (DNS) (GoDaddy)
 - A system/server where the site will be hosted (On Premise)
 - Complicated and expensive
 - Alternative would be go for shared hosting (Hostinger.in)
 - Another common alternative used nowadays is Cloud hosting (AWS/...)

Server side Client side Client side code code(processing code (but processing (processing happens on server happens on happens on side) server side) client side) Client/ Spring BOOT Browser Servlet/JSP HTML - REST API PHP - CSS Node.js **ASP.NET** - (MEA/RN) JS Django/Flask .NET Core Images - REST API

Web Server





Examples of Web Server

- Web Server
 - Apache Web Server
 - Microsoft IIS
 - Nginx (Most popular server now)
- The above servers don't support Java
- What we need to do is to use another software (Application Server) along with a Web Server
 - Apache Tomcat
 - Jboss/Weblogic/Webpshere/Glassfish/...
- In most cases, we will using a Web Server + Application Server together
 - Ex: Nginx + Tomcat setup
 - Apache Web Server + Apache Tomcat setup
 - Microsoft IIS + Apache Tomcat setup
- If required, we can just use Tomcat and manage everything