**9.Hello World App – Ruby on Rails**

**Tech Stack**

* Backend: Ruby 3.2.0, Rails 8.0.2
* Database: SQLite3
* Frontend: HTML with ERB
* Tools: RubyInstaller, SQLite3, Node.js

**Pre-require**

* Ruby 3.2.0 with MSYS2 DevKit
* SQLite3 (DLL and tools)
* Node.js and Yarn

**Step- 1. Install Ruby**

Download Ruby+Devkit 3.2.0 from [rubyinstaller.org](https://rubyinstaller.org/) (x64).

**Run the installer.**

ridk install

Select 1 and 3, press Enter.

ruby -v

**2. Install libyaml**

Open MSYS2 (C:\Ruby32-x64\msys64\msys2\_shell.cmd as admin).

pacman-key --init

pacman -S libyaml-devel

gem install psych

**3. Install Rails**

In Command Prompt (admin):

gem install rails bundler

rails -v

**4. Install SQLite3**

Download from [sqlite.org/download.html](https://sqlite.org/download.html):

sqlite-dll-win64-x64-\*.zip

sqlite-tools-win32-x86-\*.zip

Unzip to C:\sqlite.

Add C:\sqlite to PATH:

sqlite3 --version

**5. Install Node.js and Yarn**

Download Node.js LTS from [nodejs.org](https://nodejs.org/), install.

npm install -g yarn

node -v

yarn -v

**6. Create Rails Project**

cd C:\rubyproject

rails new ruby-rails --database=sqlite3

cd ruby-rails

bundle install

Fix any error got:  
gem uninstall sqlite3

gem install sqlite3 -v 2.7.2 --platform=ruby -- --with-sqlite3-dir=C:/sqlite

bundle install

**Create database:**

rails db:create

**Start the Rails Server**

**Run:**

rails server

Open your browser and go to:

http://localhost:3000

