go skills

Ruby on Rails for Web Development

GoSkills online course syllabus

Wednesday, April 16, 2025

Skill level	**Lessons**	**Accredited by**
Beginner	50	CPD
Pre-requisites	**Video duration**	**Estimated study time**
None	3h 45m	25h for all materials
Instructor		
John Elder		

Setting Up Your Development Environment

1 **Course Introduction**
What to expect from the course.

2 **Overview and Node Installation**
Learn about the different tools that we'll need in order to install Ruby on Rails.

3 **Sublime and Git Installation**
Install the Sublime Text editor and the Git Bash Terminal to your computer.

4 **Heroku Toolbelt**
How to install the Heroku Toolbelt, which will allow us to push our code to Heroku later on for web hosting.

5 **Generate SSH Key**

6 **Rails Installation**
Download and install Ruby on Rails using the Rails Installer.

7 **Create Pinteresting Project**
Create a new Ruby on Rails project, named Pinteresting.

8 **Error Handling**
How to Google errors that you may receive while using Ruby on Rails.

Getting Started With Rails - Building Your First Website

21 Creating Links with Embedded Ruby vs. HTML
How and why to use ERB to create web links.

22 Adding CSS with Bootstrap
Styling with Bootstrap CSS.

23 Creating a Navbar
How to build a Bootstrap navbar?

24 Using Partials
What are partials and why are they so important?

25 Creating a Jumbotron and Buttons with Bootstrap
Let's add a Jumbotron with some simple CSS from Bootstrap.

26 Changing Style with Bootstrap
Customizing styles in bootstrap is easy.

Adding Functionality To Our Site

27 Devise Installation Part 1
Allow people to sign up to your site, log in, and log out. Part 1.

28 Devise Installation Part 2
Allow people to sign up to your site, log in, and log out. Part 2.

29 Customizing Devise Views
Using Bootstrap to customize Devise views.

30 Adding a Name to Devise
Adding user names to our Devise database table.

31 Styling the Navbar by Login Status
Change how the Navbar looks based on whether a user is logged in or out.

32 Pins Scaffold
Creating a framework to allow people to add images to your app.

33 Pins CSS and C.R.U.D.
Deleting the Pins CSS file and understanding C.R.U.D.

34 Styling Pins Views and Links
Change the way Pins are displayed on the site.

35 Rails Associations
What are Associations and why are they so important?

36 Understanding the Pins Controller
What is the Pins Controller and how do we use it?

37 Pins Controller Associations
Understanding the "correct user" in Pins Controller.

38 Paperclip and ImageMagick Part 1
Using Paperclip and ImageMagick to handle image uploading by users. Part 1.

39 Paperclip and ImageMagick Part 2
Using Paperclip and ImageMagick to handle image uploading by users. Part 2.

40 Amazon AWS Part 1
Using Amazon AWS S3 to store our database images.

41 Amazon AWS Part 2
Setting up AWS Secret Keys and configuration.

42 Styling the Pins Page
Modifying how our Pins Page looks.

Advanced Layout Work

43 Installing Masonry Part 1
Setting up JQuery Masonry.

44 Installing Masonry Part 2
Using JQuery Masonry animations on our Pins.

Conclusion

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