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# Introduction to Rails

— Chris Cumming —

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# Who am I? (i.e. Shameless Self Promotion)



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# What is Ruby on Rails?

A web framework built on top of Ruby.

“Ruby on Rails is not a minimalist framework, it's a metropolis. One filled with all the major institutions needed to run a large, sprawling application like Basecamp or GitHub or Shopify.”

<https://rubyonrails.org/everything-you-need/>

# Rails Features

- Convention over Configuration (i.e. Magic)
- Model, View, Controller (MVC)
- Active Record, View, Controller
- Database Setup/Migrations
- RESTful
- Package management (Gemfile)
- Generators
- Webpacker
- Testing frameworks

# Pros and Cons of Rails

## Pros:

- Active community and 3rd party libraries
- Most of the tools you need to build a website included
- Well defined project structure

## Cons

- Magic
- Hard to maintain
- Ruby not type safe (getting there with Ruby 3 and/or Sorbet)

# Demo Time

Getting Started with Rails

[https://guides.rubyonrails.org/getting\\_started.html](https://guides.rubyonrails.org/getting_started.html)



# Learn More

## Rails Template

<https://github.com/saturdaymp-examples/rails-template>



## Rails Getting Started

[https://guides.rubyonrails.org/getting\\_started.html](https://guides.rubyonrails.org/getting_started.html)

## Follow up Questions



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