



## Ruby on Rails Syllabus (Basic & Advanced)

### Module #1

- Introduction of Web
- Website Application Coding Structure
- HTML5 / CSS3
- CSS Frameworks (Twitter Bootstrap, Foundations, Pure, Sass, Less)
- Responsive (Mobile first version)

### Module #2

- Learn Ruby (Concept)
- Learn how Ruby on Rails work
- Apply Ruby on Rails best practices
- Understanding the MVC architecture
- Understand basic and advanced features
- Ruby Gems for Web Development
- Using CoffeeScript in Rails

### Module #3

#### Start Application Developments:

- Apply RESTful principles to setup Resource-based web applications
- Database Access Library
- Other Libraries
- AJAX Library
- Components
- Customized URL
- Error Handling
- Avoid Security pitfalls and deployment problems
- Programming Conventions
- Understand basic and advanced features (RESTful interfaces)
- Setup several different Production/Deployment scenarios
- Server Setting (hosting/app deploy etc)
- Ymal, nodejs, payment gateway (Overview)
- Live Project & Certifications

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