

CodeIgniter

WEB DEVELOPMENT

(Backend)



CodeIgniter



For more info contact:
+91 770 7000 651

www.specbitsskills.com

DAY 1-2

Introduction to CodeIgniter

- What is CodeIgniter?
- Installing CodeIgniter.
- Creating and running your first CodeIgniter project.

DAY 3-4

Controllers and Views

- Understanding controllers and their role.
- Creating views and templates.
- Passing data to views.



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DAY 5-7

Models and Databases

- Working with models.
- Creating, reading, updating, and deleting records.
- Database configuration and migrations.

DAY 8-10

Routing and URL

- Custom routes and URL patterns.
- Route parameters and query strings.
- Handling different HTTP request methods.



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DAY 11-12

Forms and Data Validation

- Handling form submissions.
- Data validation and error handling.
- Form helper functions.

DAY 13-14

Authentication and Security

- User registration and login.
- Password hashing and security.
- User roles and permissions.



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DAY 15-16

Building a Blog

- Creating a blog application.
- Implementing user authentication.
- Managing posts and comments.

DAY 17-19

Building a Task Management System

- Creating a task management system.
- Assigning and tracking tasks.
- Notifications and email integration.



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DAY20-21

API Development

- Creating RESTful APIs in CodeIgniter.
- Handling API requests and responses.
- API authentication and security.

DAY 22-24

Testing, Deployment, and Hosting

- Creating a task management system.
- Assigning and tracking tasks.
- Notifications and email integration.



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DAY 25-27

Performance Optimization

- Caching in CodeIgniter.
- Database query optimization.
- Image and asset optimization.

DAY 28-30

Advanced Topics and Resources

- Exploring advanced CodeIgniter topics (libraries, hooks, etc.).
- Additional learning resources and next steps.



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