

Codelgniter



Introduction to CodeIgniter

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

Controllers and Views

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



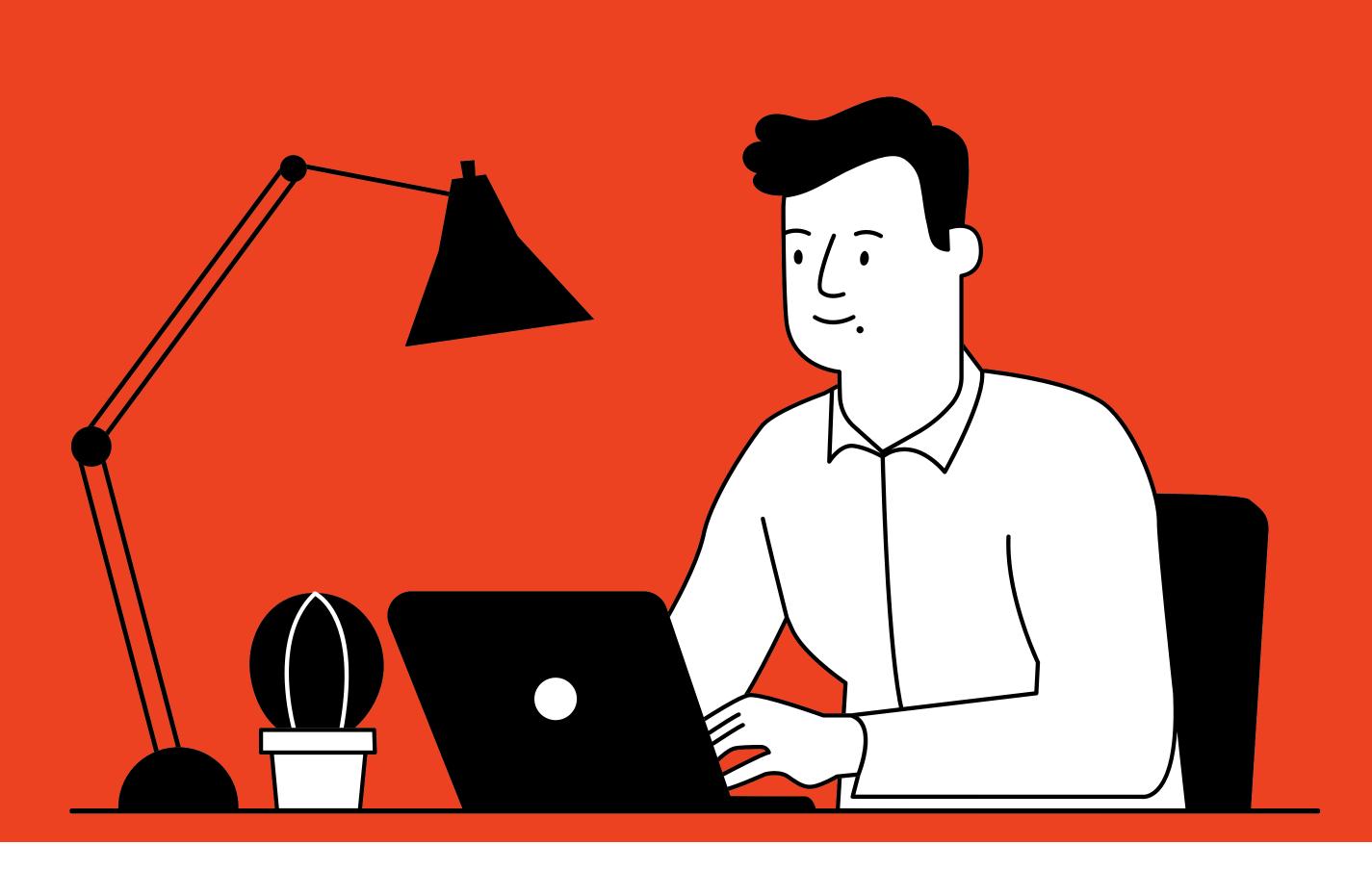


Models and Databases

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

Routing and URL

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



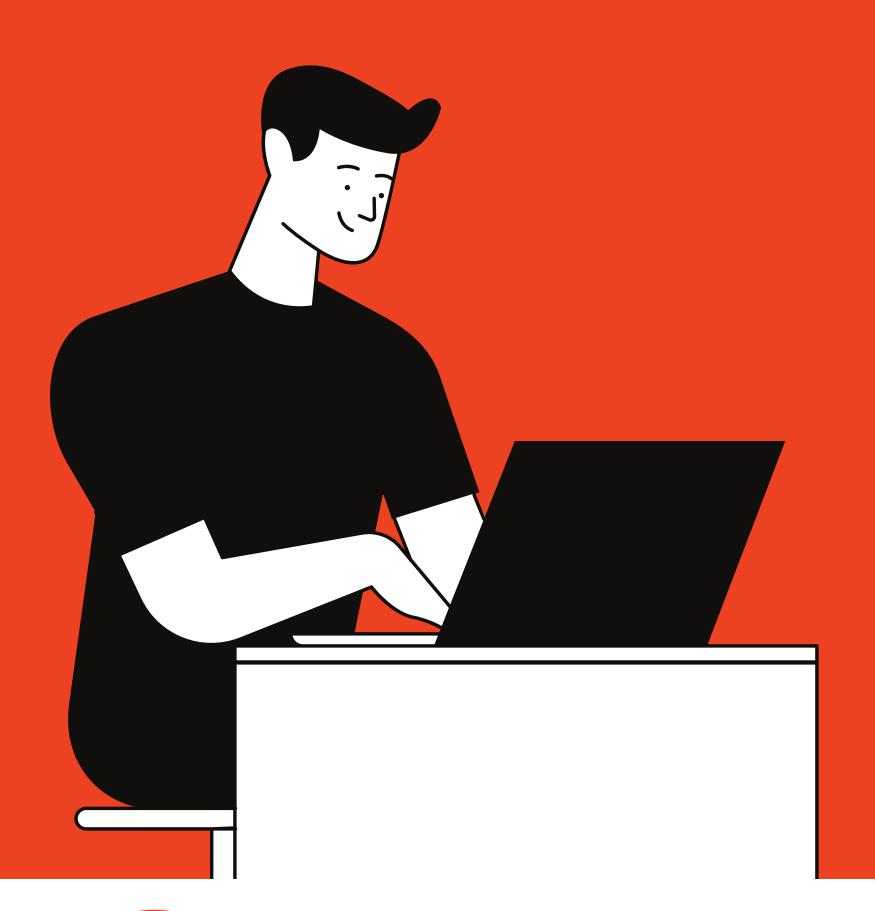


Forms and Data Validation

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

Authentication and Security

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





Building a Blog

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

Building a Task Management System

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





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API Development

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

Testing, Deployment, and Hosting

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







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Performance Optimization

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

Advanced Topics and Resources

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









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