

CodeIgniter - Interview Sheet

MVC, routing, Query Builder, validation, and RESTful resources

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Top 10 Interview Questions

Q1. What is CodeIgniter and how does it implement the MVC pattern? Explain the request routing flow.

Answer:

Q2. How does CodeIgniter 4's routing work? How do you define resourceful routes with `$routes->resource()`?

Answer:

Q3. Explain CodeIgniter's Query Builder. How do you safely build parameterized SELECT and INSERT queries?

Answer:

Q4. What are CodeIgniter 4 Models? How do Entity classes map to database rows and provide casting?

Answer:

Q5. How does CodeIgniter's built-in library system work? How do you load and configure a library like Email?

Answer:

Q6. How does CodeIgniter's validation library work? How do you define rules inline vs in a config file?

Answer:

Q7. How does CodeIgniter 4 handle sessions? How does it differ from PHP's native session management?

Answer:

Q8. How do you handle file uploads in CodeIgniter 4 using the Files API and validate MIME type and size?

Answer:

Q9. What is a CodeIgniter RESTful Resource Controller and what methods does it expose by default?

Answer:

Q10. How do you write tests for CodeIgniter 4 controllers and models using PHPUnit and CIUnitTestCase?

Answer:
