Prerequisite Test for Fintech Software Project Allocation

Name: Prajwal Jyotiba Shindhe

Email: Prajwalshindhe28@gmail.com

IP Address: 103.146.216.240
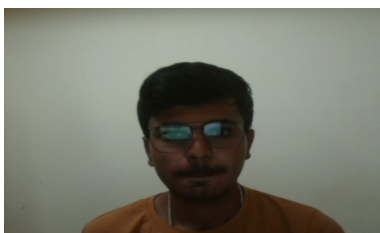
Location: N/A

Score: 68/100

Result: Passed

⬇ Download Result (PDF)

🏆 Test Results
Result: Passed
Score: 68/100

Question	Your Answer	Correct Answer	Status
1. What is the primary purpose of a REST API?	To enable communication between systems using HTTP	To enable communication between systems using HTTP	Correct
2. Which method used for updating in a REST API?	POST	PUT	Incorrect
3. In PostgreSQL purpose of FOREIGN KEY constraint?	To link tables via a referenced column	To link tables via a referenced column	Correct
4. How does PostgreSQL handle transactions?	Using ACID properties	Using ACID properties	Correct
5. In NodeJS Express, what does middleware do?	Processes requests before route handlers	Processes requests before route handlers	Correct
6. What is the role of 'app.use()' in Express?	Starts the server	Mounts middleware functions	Incorrect
7. In Django, what is the purpose of the 'ORM'?	To handle HTTP requests	To map database tables to Python objects	Incorrect
8. How does Django handle database migrations?	Using 'makemigrations' and 'migrate' commands	Using 'makemigrations' and 'migrate' commands	Correct
9. In ReactJS, what is a 'hook'?	A function to manage state and lifecycle	A function to manage state and lifecycle	Correct
10. What does 'useEffect' do in ReactJS?	Renders static content	Manages side effects in functional components	Incorrect
11. What is Auth0 primarily used for?	Authentication and authorization	Authentication and authorization	Correct
12. How does Auth0 implement single sign-on (SSO)?	With separate login per app	Using a centralized identity provider	Incorrect
13. significance of a candlestick chart	Shows price movements over time	Shows price movements over time	Correct
14. What does the VIX index measure in the market?	Market volatility	Market volatility	Correct
15. In a REST API, what does HATEOAS stand for?	Hypermedia As The Engine Of Application State	Hypermedia As The Engine Of Application State	Correct
16. Purpose of PostgreSQL's 'EXPLAIN ANALYZE'?	To analyze query execution plans	To analyze query execution plans	Correct
17. In Express, what is 'res.json()' used for?	To send a JSON response	To send a JSON response	Correct
18. What is Django's 'CSRF' protection?	A user authentication system	A defense against cross-site request forgery	Incorrect
19. In ReactJS, what is the virtual DOM?	A physical DOM replacement	A lightweight copy of the DOM for diffing	Incorrect
20. How does Auth0 handle JWT validation?	By verifying token signatures	By verifying token signatures	Correct
21. What is a short squeeze in the stock market?	A rapid price increase due to short sellers covering	A rapid price increase due to short sellers covering	Correct
22. Role of a circuit breaker in markets?	To halt trading during volatility	To halt trading during volatility	Correct
23. What is the purpose of a REST API endpoint?	To provide a specific resource or action	To provide a specific resource or action	Correct
24. In PostgreSQL, what is a 'materialized view'?	A temporary table	A stored query result	Incorrect
25. What is the use of 'async/await' in NodeJS?	To handle asynchronous operations	To handle asynchronous operations	Correct

🔄 Delete Test

Congratulations! You have passed the quiz. Check updates regularly in Blueflow Workspace. Your software development internship will commence soon, involving tasks such as web application development, API design, machine learning, and full-stack development. Stay tuned for further instructions.

Submit result: https://forms.gle/zCwSr76FiMdCvGP36