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Badge

Reactive Architecture:



Building Scalable Systems



Congratulations! By earning this badge, you've demonstrated a mastery of the principles of Consistency, Availability, and Scalability in distributed systems. You've developed a deep understanding of fundamental concepts like Consistency, Availability, and Scalability, as well as the distinctions between them. Moreover, you're adept at navigating the complexities of achieving Consistency in distributed systems, recognizing the significance of factors like Eventual Consistency and Strong Consistency. You've also honed your skills in analyzing scalability laws and evaluating trade-offs between Consistency and Availability, leveraging your knowledge of concepts like CAP Theorem and Partition Tolerance. Additionally, you've gained proficiency in implementing advanced techniques such as Sharding and Conflict-Free Replicated Data Types (CRDTs), empowering you to design robust distributed systems that balance scalability and availability with data consistency. Keep up the outstanding work!

Awarded on 11/23/2024

Earned by
Amista' Michael

Offered
by
AKKADEMY