Chain of Thought Prompting

Design a system architecture for a scalable e-commerce platform.

Using Chain of Thought Reasoning, break down the problem into smaller, interconnected components, and identify potential solutions for each component.

Consider factors such as database design, front-end and back-end technologies, load balancing, security, and user authentication.

Once you've worked through all of the components in the chain, identify patterns or connections between them and develop a comprehensive system architecture plan for the e-commerce platform.