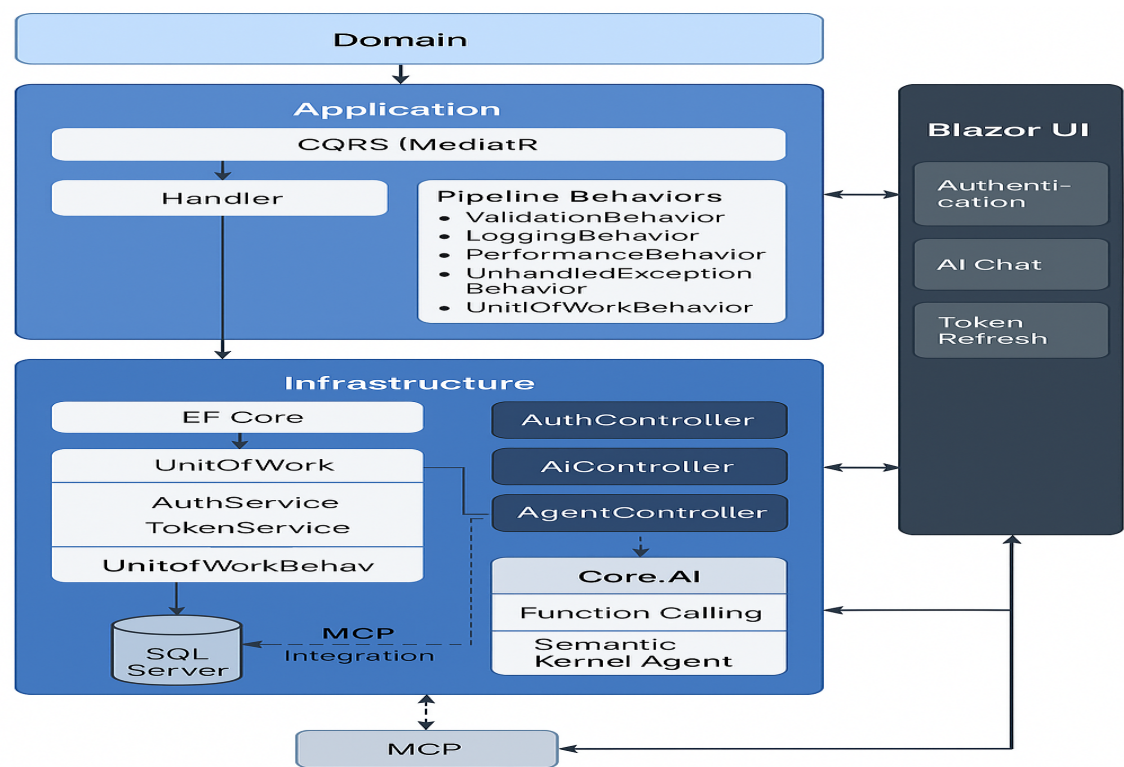


# Architecture Diagram Explanation



This architecture diagram shows the full Clean Architecture structure of CoreApp. - On the left, the **Domain layer** holds business rules and core entities. - The **Application layer** uses CQRS with MediatR and multiple pipeline behaviors (Validation, Logging, Performance, Exception, UnitOfWork). - The **Infrastructure layer** manages EF Core, UnitOfWork, Auth/Token services, and controllers (AuthController, AiController, AgentController). - The **Core.AI module** provides provider-agnostic AI features such as OpenRouter and Ollama integration, Function Calling, Semantic Kernel Agent, and optional MCP integration. - On the right, the **Blazor WebAssembly UI** handles Authentication, AI Chat, and Token Refresh. Arrows show the flow between layers and how AI providers integrate with the app.