



How These Patterns Work Together



3-Tier Layered Architecture (Green)

Presentation Layer: Dashboard, Login, LandingPage, ParticleNetwork, SignupModal, Navbar, Logo, LogoutModal
Business Logic Layer: oAuthService, mcp-executor, utils, clientIntegrationService, serverIntegrationService
Data Access Layer: openai-api, supabaseClient, supabaseServer

Service-Oriented Architecture (Blue)

oAuthService, mcp-executor, utils, clientIntegrationService, serverIntegrationService, openai-api, zustand, tailwind, shadcn

Use Case Architecture (Orange)

LandingPage, LoginModal, SignUpPage, Paywall, AccountSignIn, Dashboard, OpenAIChat

Cloud Deployment Pattern (Purple)

Vercel