DreamWeaver System Architecture

Mobile Application Layer (React Native)

Dream Log	DNA Helix	Story Mode	Riddles	Dream Art	Mind map	Avatar	Totems	Audio	Library	Feed

Backend API Layer (Node.js / Express)

User Auth & Session Mgmt	Dream Processing	Analytics & Tracking	Gamification Engine	Content Generation	Community Feed

AI/ML Services Layer

Dream DNA 4 Gene Analysis (Gemini)	Story Generation (Gemini AI)	Dream Art Generation (DALL-E 2)	Pattern Clustering (NLP)

Data Storage Layer

User Data (MySQL)	Dreams & DNA Genes	Engagement Metrics	Media Files (Images/Audio)

Google Gemini (Text Generation)	*OpenAI DALL-E (Image Generation)*	*Laravel Auth (Session Mgmt)*	*Cloud Storage (AWS S3)*

Legend:
- Frontend (Mobile)
- Backend Services
- AI/ML Processing
- Data Storage
- External APIs