



## SANSAR — Preserving India's Heritage through AI and Immersive Technology

**Sansar** is a multilingual Android application designed to digitally preserve and promote India's vast cultural and historical heritage. It provides users with an interactive experience of Indian monuments through **AI, AR, and multimedia integration** — making history come alive in every language. IN

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### 🌟 Key Features

- 🏛️ **Explore Indian Heritage Monuments**
  - Browse a curated collection of heritage sites with descriptions, images, and detailed historical context.
- 🔊 **Multilingual Audio Narration**
  - Listen to monument information in multiple Indian languages — narration changes automatically with the app's selected language.
- 🎥 **Cultural Videos**
  - Watch documentaries and short videos related to each monument for a richer learning experience.
- 🌐 **3D Model Visualization**
  - Tap the “View in 3D” button to project the monument model in your surroundings using your camera.
- 💬 **AI Chatbot Guide**
  - Interact with Sansar’s built-in AI guide to learn facts, ask historical questions, and explore monuments in a conversational way.
- 🗺 **Interactive Heritage Map**
  - Discover monuments geographically with an interactive map marking all major Indian heritage sites.
- 🧠 **Heritage Quiz**
  - Test your knowledge through quizzes based on Indian history, architecture, and monuments.



### Tech Stack

Category	Technologies Used
Frontend (App)	Kotlin / Java (Android Studio)
3D & AR	ARCore / Sceneform
AI Chatbot	Dialogflow / OpenAI API
Backend	Firebase Realtime Database / Firestore
Website	HTML, CSS, JavaScript (Linked Web Portal)
Media Storage	Firebase Storage / Cloudinary
Map Integration	Google Maps API