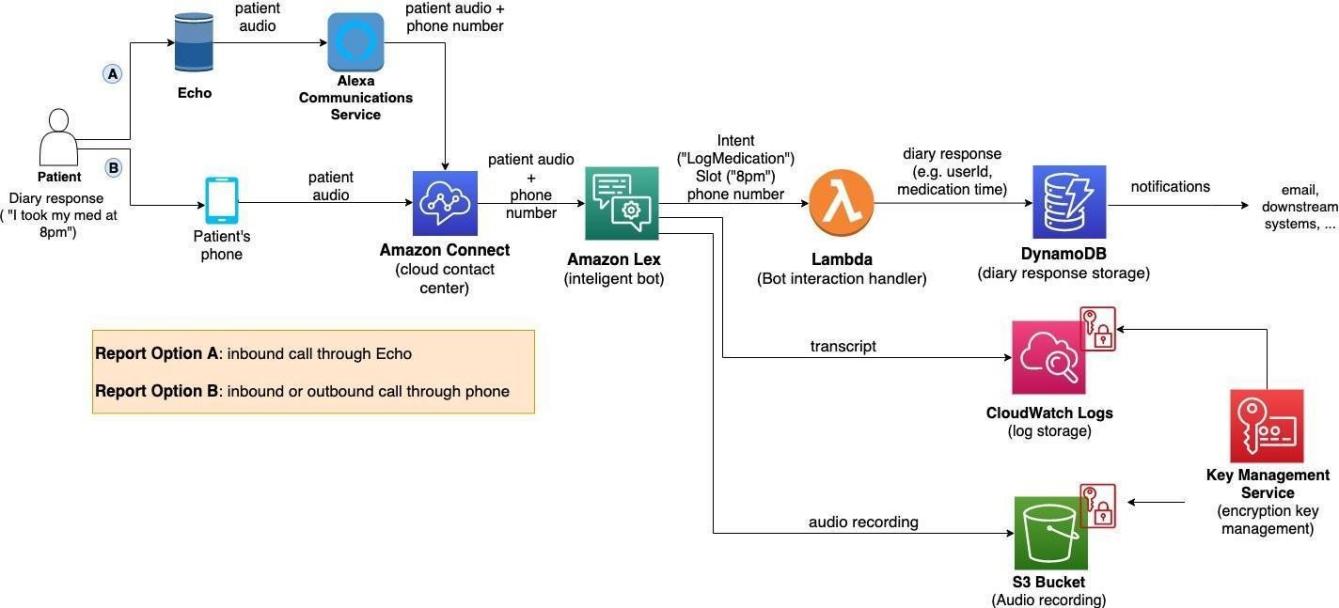
**Project Design Phase Solution Architecture**

|  |  |
| --- | --- |
| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID45878 |
| Project Name | Pattern sense:Classifying Fabric Patterns using Deep  Learning |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

The solution uses a deep learning model (CNN-based) to classify fabric patterns from uploaded images. The system enables real-time predictions with high accuracy and provides confidence scores for each classification. The architecture bridges the gap between textile domain needs and AI-powered automation.

**Example - Solution Architecture Diagram:**

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