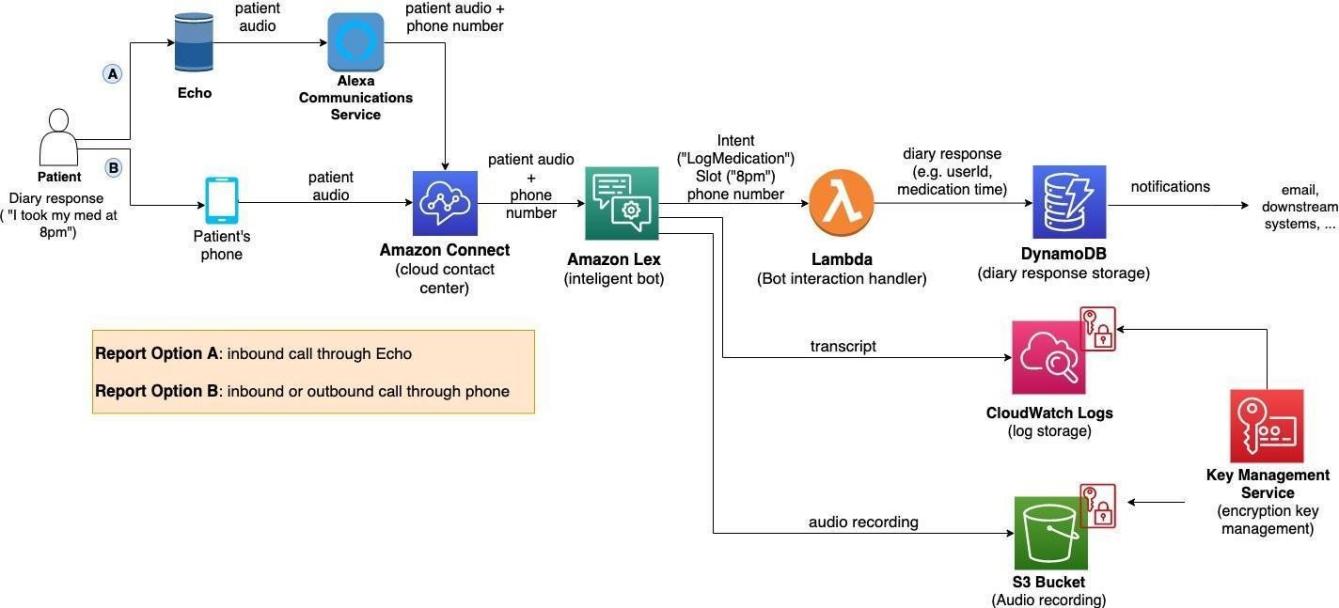
**Project Design Phase Solution Architecture**

|  |  |
| --- | --- |
| Date | 26June2025 |
| TeamID | LTVIP2025TMID3376 |
| ProjectName | Pattern sense:ClassifyingFabricPatternsusingDeep  Learning |
| MaximumMarks | 4 Marks |

**Solution Architecture:**

The solution uses a deep learning model (CNN-based) to classify fabric patterns fromuploadedimages.Thesystemenablesreal-timepredictionswithhighaccuracy 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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