

ABSTRACT

Capturing precise conversations between healthcare providers and patients is essential for comprehensive medical records, aiding in diagnoses, treatment plans, and patient histories. Our solution harnesses cutting-edge technologies such as AWS Transcribe for transcription and Bedrock LLM for narration, with all details from both sides stored securely in AWS DynamoDB. These narrated transcripts are seamlessly integrated into DynamoDB, facilitating easy access for healthcare professionals. Additionally, AWS SQS manages the smooth flow of transcribed audio, optimizing the transcription process. By leveraging these advanced technologies, our solution aims to elevate patient care and clinical workflows by delivering precisely transcribed and narrated records, thereby empowering medical professionals with comprehensive documentation and ultimately driving improvements in healthcare outcomes.