ASPPH
ASSOCIATION OF SCHOOLS &
PROGRAMS OF PUBLIC HEALTH

ARIE Technology Solution Architecture Diagram

AWS Cloud

IDEA Institute
Employee

ASPPH IDEA Institute

ARIE Chatbot

Academic
Public Health
Community

Amazon API
Gateway

Chatbot
Supervisor
Lambda
Function

Amazon Bedrock Agent Action Group

Anthropic
Claude
Sonnet 3.7

IDEA Institute
Knowledge Base

Amazon
OpenSearch
Service

Titan
Embeddings

Chatbot Agent
Lambda
Function

Resource Hub

Amazon S3

Multiple
documents

Security and Monitoring

Amazon
CloudWatch

AWS Identity
and Access
Management
(IAM)

Amazon
DynamoDB

Technology
(Agent Ops)
Employee