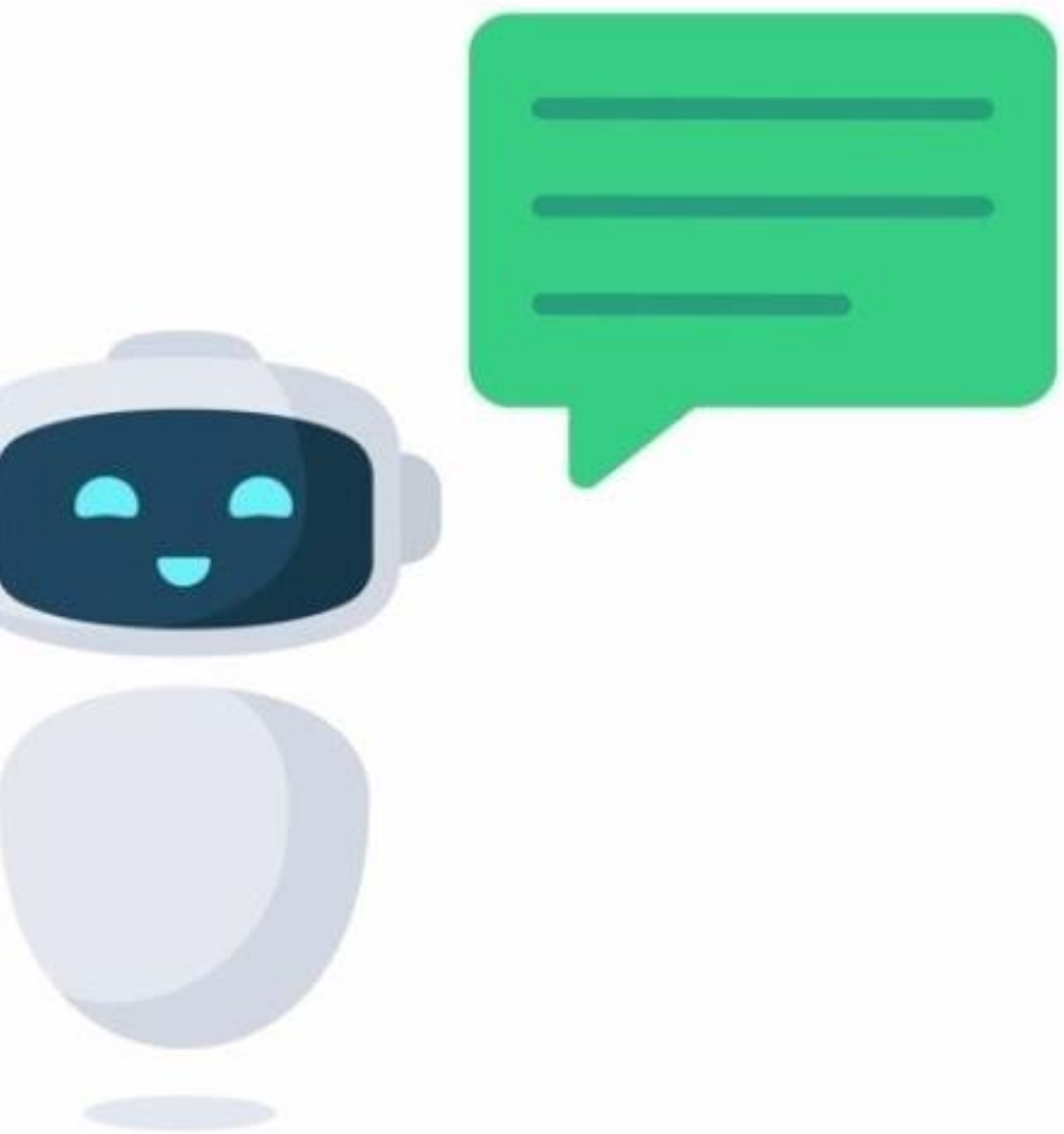

AWS LEX CHATBUDDY-EC2

AN EDUCATIONAL CHATBOT DEMONSTRATION USING AMAZON LEX

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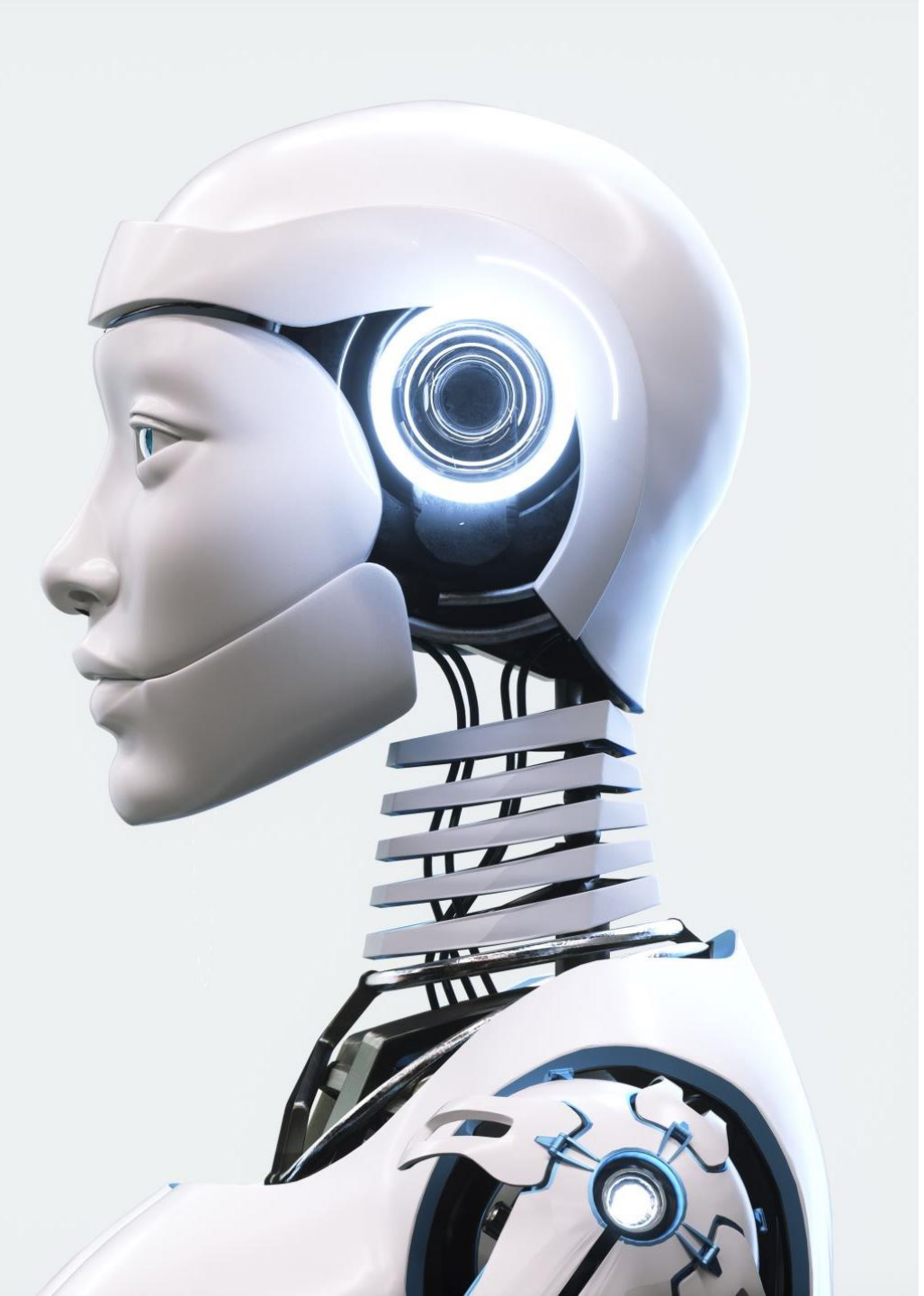

Introduction and project Goal

- The goal of this project was to create An interactive EC2 chatbot
- The chatbot quizzes learners on Amazon ec2 fundamentals
- We used Amazon Lex to build a conversational quiz experience(chatbot)
- The solution makes learning more engaging and interactive

Client requirements

- Interactive quiz chatbot
- Topic – EC2
- Multiple-choice questions
- Feedback for correct and incorrect answers
- Easy to use and educational

Solutions Overview

- Build an interactive chatbot using Amazon Lex
- Used Intents and Utterances to start a quiz
- Designed multiple choice questions
- Implement a feedback for correct and incorrect answers

Technical Approach

Created an intent: EC2Quiz

Added quiz-related utterances :

Start quiz

Quiz me EC2

Used responses to: MH

Used simple branching(A, B, C)

LIVE DEMONSTRATION

- During the demo we will show:
- Starting the quiz in Amazon Lex
- Answering questions correctly and incorrectly
- How the chatbot responds with feedback
- Smooth flow between quiz questions

Conclusion

- Successfully built a working EC2 quiz chatbot
- The solution meets all client requirements
- The chatbot can be easily extended to other AWS topics

  (S3, VPC, Lambda, etc.)
- Ready for deployment and further improvements