

# **AWS Certified Alexa Skill Builder – Specialty (AXS-C01) Training**

*COURSE CONTENT*

## **GET IN TOUCH**



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## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

The AWS Certified Alexa Skill Builder – Specialty (AXS-C01) training by Multisoft Systems is a comprehensive, industry-focused program designed to help professionals master the development of high-quality voice experiences using Amazon Alexa. This course is ideal for developers, solution architects, and technical professionals who want to design, build, test, and deploy secure, scalable, and engaging Alexa skills while preparing confidently for the AXS-C01 certification exam.

## Module 1: Voice-First Design Practices and Capabilities

- ✓ Describe how users interact with skills
- ✓ Map features and capabilities to use cases

## Module 2: Skill Design

- ✓ Design and develop an interaction model
- ✓ Design a multi-turn conversation
- ✓ Use built-in intents and slots
- ✓ Handle unexpected conversational requests or responses
- ✓ Design multi-modal skills using one or more service interfaces (for example, audio, video, and gadgets)

## Module 3: Skill Architecture

- ✓ Identify AWS services for extending Alexa skill functionality (Amazon CloudFront, Amazon S3, Amazon CloudWatch, and Amazon DynamoDB)
- ✓ Use AWS Lambda to build Alexa skills
- ✓ Follow AWS and Alexa security and privacy best practices

## Module 4: Skill Development

- ✓ Implement in-skill purchasing and Amazon Pay for Alexa Skills
- ✓ Use Speech Synthesis Markup Language (SSML) for expression and MP3 audio
- ✓ Implement state management
- ✓ Implement Alexa service interfaces (audio player, video player, and screens)
- ✓ Parse Alexa JSON requests and provide responses

## Module 5: Test, Validate, and Troubleshoot

- ✓ Debug and troubleshoot using Amazon CloudWatch or other tools
- ✓ Use the Alexa developer testing tools
- ✓ Perform beta testing

- ✓ Troubleshoot errors in the interaction model

## **Module 6: Publishing, Operations, and Lifecycle Management**

- ✓ Describe the skill publishing process
- ✓ Add and remove users in the developer console
- ✓ Perform analysis of skill analytics in the developer console
- ✓ Differentiate among the statuses/versions of skills (for example, In Development, In Certification, and Live)