

**Career Coaching Assistant:
Automating Career Coaching with Amazon Q
Business**

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Final Application

Career Coaching Assistant

Helps coaches match skills to jobs and build custom learning plans. Upload a resume and job description to get an instant skill-gap review, course recommendations, and a learning schedule, all updated automatically and kept secure.

Add card

Share

Publish changes

File

Resume Upload

sample-cv-02.docx

File

Job Profile Upload

sample-job-description-01.docx

Text input

Recommendation by Coach

candidate had about 8 hrs a week and a timeline of 5 weeks

Output

Skill Gap Analysis

Career Coach Analysis: CV vs. Cloud Solutions Architect – Generative AI Role

1) Core Strengths

- Strong project management and leadership experience
- Business strategy and process optimization expertise
- AWS and Microsoft certifications
- Cross-functional team collaboration skills
- Data analytics and decision-making capabilities
- Risk assessment and mitigation experience

2) Core Matches

- Cloud computing certifications (AWS certified)
- Project management experience
- Data analytics background
- Leadership and stakeholder engagement

Output

Training Recommendation

Recommended AI Courses

Based on the career analysis and identified skill gaps, I can only recommend one relevant course from the provided catalog:

Artificial Intelligence (CSD311)

- Provider: School of Engineering, Computer Science and Engineering Department
- Level: Intermediate
- Format: Lectures and Practical sessions
- Estimated Hours: 5 hours per week (3 hours lecture, 2 hours practical)
- Why it closes the gap: This course covers fundamental AI concepts including machine learning, neural networks, and knowledge representation which addresses the critical gap in AI/ML frameworks knowledge. The curriculum includes practical experience with neural networks and fuzzy systems that can build foundational skills for working with AI models. The course also covers programming for AI applications which helps address the programming experience gap.

The course includes:

- Machine learning fundamentals including inductive and deductive learning
- Neural networks and support vector machines
- Expert systems development

Output

Schedule

5-Week Learning Schedule for Artificial Intelligence (CSD311)

Week	Focus	Resources	Deliverables
Week 1	Introduction to AI & Machine Learning Fundamentals	3 hours: Lectures on AI introduction and machine learning basics 2 hours: Practical session on setting up AI development environment 1 hour: Weekly review	Environment setup completed Summary notes on ML fundamentals Week 1 reflection journal
Week 2	Neural Networks & Support Vector Machines	3 hours: Lectures on neural network architecture and SVMs 2 hours: Practical lab implementing basic neural networks 1 hour: Weekly review	Working neural network implementation Comparison analysis of different ML algorithms Week 2 reflection journal
Week 3	Expert Systems Development	3 hours: Lectures on expert systems and knowledge engineering 2 hours: Practical session building a simple expert system 1 hour: Weekly review	Functional expert system prototype Case study presentation Week 3 reflection journal

Run

Reset

Datasources showing last sync time

Data sources (2) Info

Sync now

Stop sync

Actions

Add data source

Search data sources

	Name	Source	Data source state	Last sync time	Last sync status	Current sync state	Access Control List
<input type="radio"/>	CourseCatalog_S3	S3V2	Active	September 17, 2025, 00:0...	Completed	Idle	-
<input type="radio"/>	Uploaded files	FILE UPLOADER	-	-	-	-	-

Sync Schedule

Sync run schedule Info

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

Daily

Start time

04 : 00 (UTC)

Local 00:00 AM (UTC-4)

Skill Gap Analysis Output Card

Title

Skill Gap Analysis

Prompt ⓘ

Type @ to reference a card

You are a career coach. Compare the candidate's CV to the target job profile.

Return:

- 1) Core Strengths.
- 2) Core matches (skills, tools, certs).
- 3) Missing or weak skills (ranked by impact).
- 4) Example bullet improvements (STAR-style).

Use concise bullets.

CV:

Resume Upload

Job:

Job Profile Upload

Source ⓘ

Attached files

Blocked Words (Global Controls)

▼ Enhancements

Data sources

Data accessors New

Admin controls and guardrails

Amazon Q Apps New

Amazon Q embedded New

Integrations New

Document enrichments

Relevance tuning

Metadata controls New

Amazon QuickSight New

Response customization New

▼ Actions

Plugins Updated

▼ Insights

Amazon Q Business insights New

Amazon Q Apps insights New

Chat orchestration settings - new

Allow automatic routing to plugins and data sources

On

Feature settings

Allow end users to upload files in chat content

On

▼ Blocked words (6)

Word
Gambling
Cheating
Casino
Self-harm
Sex
Attack

JSON ACL

```
1  [
2    {
3      "keyPrefix": "s3://careercoach-coursecatalog-tobi01/Data/Security/",
4      "aclEntries": [
5        {
6          "Name": "CareerCoaches",
7          "Type": "GROUP",
8          "Access": "ALLOW"
9        }
10     ]
11   },
12   {
13     "keyPrefix": "s3://careercoach-coursecatalog-tobi01/Data/Medicine/",
14     "aclEntries": [
15       {
16         "Name": "CareerCoaches",
17         "Type": "GROUP",
18         "Access": "DENY"
19       }
20     ]
21   }
22 ]
```

ACCESS DENIED



med 602



No answer is found

▼ Sources



What courses do you recommend for medicine



No answer is found

▼ Sources



ACCESS ALLOWED



No answer is found

▼ Sources



Recommend the best course for AI upskilling, i'm a beginner



For beginners interested in AI upskilling, the Artificial Intelligence course (CSD311) offered by the School of Engineering's Computer Science and Engineering Department would be an excellent choice. ^[1] ^[2] This course introduces fundamental concepts and techniques in artificial intelligence and is designed for undergraduate students with knowledge of data structures and programming languages like C, C++, or Java. ^[1] ^[2]

The curriculum provides a comprehensive overview of both traditional and modern AI, covering topics such as problem-solving techniques, intelligent searching algorithms, game playing strategies, and knowledge representation. ^[1] ^[2] Students will learn practical skills including using Prolog for software development, creating programs for 2-player games, developing production and expert systems, and building Neural Network and Fuzzy systems. ^[1] ^[2]

The course also explores machine learning concepts including inductive and deductive learning, Artificial Neural Networks, Support Vector Machines, and applications of Expert Systems. ^[1] ^[2] Recommended textbooks include "Artificial Intelligence" by Saroi Kaushik. "Artificial Intelligence: A

Company knowledge


General knowledge




Ask a followup question




Shared and Verified

Share your app


Career Coaching Assistant is shared with all. Everyone can access the app from the library.


qbusiness_2@vocareum.com

Owner

Share with all

Everyone in this account can use




Edit categories


Tag published apps to be discovered in the library

Operations


Support

General



App link


<https://lqce0qcm.chat.qbusiness.us-west-2.on.a...>



Operations

Support


General



Career Coaching Assistant

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Open