

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

**Tobi Ogunmokun
09/17/2025**

Finished 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.

File

Resume Upload

Drag and drop to upload or
Browse for files

File size limit is 50MB. File types: pdf, html, word, excel, ppt, docx, txt, etc.

File

Job Profile Upload

Drag and drop to upload or
Browse for files

File size limit is 50MB. File types: pdf, html, word, excel, ppt, docx, txt, etc.

Text Input

Recommendation by Coach

no coach recommendation provided

Output

Skill Gap Analysis

Generating text as soon as Resume Upload and Job Profile Upload are filled

Output

Training Recommendation

Generating text as soon as Skill Gap Analysis is filled

Output

Schedule

Run

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.

File

Resume Upload

sample-cv-02.docx

File

Job Profile Upload

sample-job-description-01.docx

Text Input

Recommendation by Coach

learner has 3hrs per week and a 5 week timeline

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
- Data analytics and decision-making capabilities
- Cross-functional team collaboration skills
- 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

Based on the available course catalog, I can recommend the following course to help address the identified skill gaps:

Artificial Intelligence (CSD311)

- Title: Artificial Intelligence
- Provider: School of Engineering, Computer Science and Engineering Department
- Level: Intermediate
- Format: Lectures and Practical Labs
- Estimated Hours: 5 hours per week (3 hours lecture, 2 hours practical)
- Why it closes the gap: This course covers fundamental AI concepts and techniques that address several identified skill gaps. It includes machine learning topics such as artificial neural networks and support vector machines. The course also covers knowledge representation, logic programming with PROLOG, and handling uncertainty using probabilistic models and fuzzy logic. Students will develop practical skills in building AI systems including neural networks and expert systems.

The course requires prerequisites of data structures and knowledge of programming languages like C, C++, or Java, which aligns with addressing the programming skills gap. The curriculum provides a broad overview of both traditional and modern AI approaches, preparing students for more advanced AI topics.

No answer is found for additional courses that would address the specific gaps in generative AI, LLMs, vector databases, RAG techniques, or MLOps from the provided data source.

Output

Schedule

5-Week Learning Schedule for Artificial Intelligence (CSD311)

Week	Focus	Resources	Deliverables
Week 1	Introduction to AI & Knowledge	3 hours: Lectures on AI fundamentals 2 hours: Reading materials on knowledge representation & logic	Complete knowledge representation exercises Submit summary of AI fundamentals Quiz on basic AI concepts

Run

Reset

Text input

Recommendation by Coach

learner has 8hrs per week and a 5 week timeline

Output

Skill Gap Analysis

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

2) Core Matches

- Cloud computing certifications (AWS certified)
- Project management experience
- Data analytics background
- Leadership and stakeholder engagement
- Cross-functional team collaboration
- Analytical thinking and problem-solving skills
- Continuous learning mindset

3) Missing or Weak Skills (Ranked by Impact)

Output

Training Recommendation

Recommended Courses to Address Skill Gaps

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Schedule

5-Week Learning Schedule for Artificial Intelligence (CSD311)

Week	Focus	Resources	Deliverables
Week 1	Introduction to AI & Knowledge Representation	• 3 hours: Lectures on AI fundamentals • 2 hours: Reading materials on knowledge representation • 2 hours: Lab exercises on logic programming basics • 1 hour: Weekly review	• Complete knowledge representation exercise • Submit summary of AI fundamentals • Quiz on basic AI concepts
Week 2	Logic Programming & PROLOG	• 3 hours: Lectures on logic programming • 3 hours: PROLOG practical labs • 1 hour: Reading supplementary materials • 1 hour: Weekly review	• Working PROLOG program • Logic programming assignment • Milestone: Basic AI system design
Week 3	Neural Networks & Machine Learning	• 3 hours: Lectures on neural networks • 3 hours: Lab work implementing simple neural networks • 1 hour: Video tutorials on machine learning • 1 hour: Weekly review	• Neural network implementation • Machine learning exercise • Progress report on AI concepts
Week 4	Support Vector Machines & Fuzzy Logic	• 3 hours: Lectures on SVMs and fuzzy logic • 3 hours: Practical labs on implementing these techniques • 1 hour: Reading on uncertainty in AI • 1 hour: Weekly review	• SVM implementation exercise • Fuzzy logic problem set • Milestone: Working AI model
Week 5	Expert Systems & Final Project	• 2 hours: Lectures on expert systems • 4 hours: Final project development • 1 hour: Reading on AI applications • 1 hour: Final review	• Complete expert system implementation • Final project presentation • Final Milestone: Functional AI system addressing a real-world problem

Each week includes a mix of lecture content (3 hours), practical lab work, reading materials, and a dedicated weekly review session to consolidate learning. The schedule is designed for 8 hours per week over 5 weeks, with clear deliverables and milestone achievements to track progress.

Datasources showing last sync time

Data sources (2) Info

Sync now

Stop sync

Actions

Add data source

Q Search data sources

< 1 > ⚙

	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 Prompt

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...>




OperationsSupportGeneral

Career Coaching Assistant

1 user | 1 like | Published on September 16, 2025

Helps coaches match skills to jobs and build custom learning plans. Upload a resume and jo...



Open