

## TIME

20-30 hours

## LEVEL

Intermediate

## PREREQUISITE

Beginner map

## 1 Prompt Patterns



Master templates, examples, constraints, and rubrics.

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## 2 Structured Output



Generate reliable JSON, tables, and schemas.

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## 3 APIs and Tools



Understand API calls, keys, requests, and responses.

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## 4 Automation



Connect repeatable steps into useful workflows.

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## 5 Embeddings



Represent meaning as vectors for semantic search.

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## 6 RAG



Retrieve trusted material before the model answers.

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## 7 Evaluation



Test quality, cost, speed, safety, and consistency.

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## 8 Build a Project



Ship a small assistant, workflow, or research tool.

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## RELATED GLOSSARY TERMS

API | JSON | Embedding | Vector Database | RAG | Evaluation



## SKILLS EARNED

- Design structured prompts
- Evaluate outputs
- Use APIs safely
- Ship a small AI project
- Build retrieval workflows

02

CYBERSIDE.AI CERTIFICATE OF COMPLETION

# Builder Ai Learning Map

This certifies that

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LEARNER NAME

completed the learning milestones, practical exercises, and safety checkpoints.

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DATE

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SIGNATURE / MENTOR



SCAN TO REVISIT THE LEARNING MAP

Certificate ID: CSAI-BUILDER-2026