

Mastering Generative AI & Agents for Developers – Contest #1

Get Featured on Our Official LinkedIn Handle!

Hey AI Innovators!

It's time to put your generative AI skills to the test with an exciting contest. This is your chance to build something innovative, showcase your expertise, and earn a shout-out from Codecademy's official LinkedIn handle!

Project Challenge: Build Your AI Agent Project!




SQL Query Buddy (RAG)

- Converts natural language questions (e.g., “Show top 5 customers by sales”) to executable SQL by semantically searching table metadata (e.g., customers: id, name, total_sales) using LangChain and Chroma.
- Generates accurate, optimized queries and explains them in beginner-friendly terms via a clean UI.
- Unique twist: Suggests query optimizations (e.g., faster JOINS) and handles multi-table queries for real-world applicability.

Project Guidelines:

- The project must be **fully functional** – no incomplete features in the demo or code.
- Add **extra capabilities** to make your AI projects stand out.
- Ensure the **UI and UX are clean, intuitive, and user-friendly**.
- **Experiment and innovate** – incorporate advanced features or unique twists.
- **Originality matters** – no plagiarized or copied work.
- Post your project on **LinkedIn**, tag **Codecademy**, and use the hashtag **#CodecademyGenAIBootcamp**.
- Submit your LinkedIn post link in the **#project-showcase** channel on Discord.

Important Dates:

-  More info will be shared by your instructor on upcoming session and Discord.
-  **Submission Deadline:** 6th September 2025
-  **Winner Announcement:** 13th September 2025

Winners will be announced via our official LinkedIn page.

🏆 You can proudly add this achievement to your resume as a project showcase and award!

💡 Why Participate?

- Apply your generative AI and agent-building skills in a **real-world project**.
- Add an **impressive AI project** to your portfolio.
- Build a stronger profile for potential employers.
- The **best project** will be selected by your instructor – their decision will be final.

So, get your thinking caps on, plan your profile, and bring your A-game! More details coming soon in the next session. Stay tuned!