



Note from the founder

Hi there,

Thank you for showing interest in the internship opportunity. At BreakoutAI, our internship program is designed to give young students in India a chance to work on exciting, real-world projects. If you're driven by creativity and have a passion for learning, this could be the perfect fit for you.

Regardless of whether you join us through this program, I'd love to connect with you on LinkedIn and hear your ideas. Don't hesitate to reach out—I'm always excited to engage with innovative minds.

Looking forward to seeing what you bring to the table!

[Connect with me on LinkedIn](#)

Best regards,
Kapil

Internship Details

Stipend: up to €200 per month, based on experience and performance

Duration: 3 months

Working Hours: 30-40 hours/week

Location: Remote

PPO: Opportunity to transition to full-time after internship completion.

Project Deadline and Submission Details

- **Deadline:** 30th Jan 2025, 8:00 PM
- **Submission:** Please send your completed project, including the GitHub repository link + loom video link to kapil@breakoutinvesting.in



Assessment Task: Telegram AI Chatbot

Submission: GitHub repo link with code + 3-minute Loom video demo link (be very quick with the demo + mention your past experiences/project in this tech stack)

Task Requirements

You are required to build a Telegram bot that:

1. User Registration

- Saves first_name, username, and chat_id in MongoDB upon a user's first interaction.
- Uses Telegram's contact button to request a phone number, stores it in MongoDB, and sends a confirmation message.

2. Gemini-Powered Chat

- Uses the free Gemini API (e.g., google.generativeai) to answer user queries.
- Stores the full chat history (user input + bot response) in MongoDB with timestamps.

3. Image/File Analysis

- Accepts images/files (e.g., JPG, PNG, PDF) and uses Gemini to describe their content.
- Replies with the analysis and saves the file metadata (e.g., filename, description) in MongoDB.

4. Web Search

- Provide an option for users to perform a web search (e.g., by typing /websearch).
- Give an option of web search, where the user can enter a query. Chatbot will use an AI agent to go to the web and search that query. It will return the AI summary of the search results with top web links.



Bonus Points for Innovation (not mandatory)

- Add a “cool feature” (e.g., referral system, sentiment analysis, auto-translation, or a dashboard showing user analytics).
- Use AI tools (e.g., GitHub Copilot, ChatGPT) to speed up development (candidates must document how they used them).

Judgment Rubric

Criteria	Weight	What We'll Check
Core Functionality	50%	All 4 core tasks work flawlessly (registration, Gemini chat, image analysis, web search).
Code Quality	20%	Clean, modular code with error handling. Efficient MongoDB queries (no hardcoding!).
Execution Speed	15%	Fast response times (async/await?), minimal API latency, and efficient DB storage.
Innovation	15%	Unique feature + creative use of Gemini (e.g., emoji in responses, auto-follow-ups).



FAQs

- **Should I ask questions for clarification?**

No, please avoid reaching out for clarifications. Start building based on your understanding of the project details provided in the PDF.

- **Are deadline extensions possible?**

No, extensions will not be granted. Please ensure you plan your time accordingly.

- **What's the purpose of this project?**

The main goal is to evaluate your **execution speed** and ability to work with minimal instructions. The project is straightforward, so focus on completing it efficiently.

- **Does submitting the project guarantee an internship?**

Submission alone does not guarantee selection. If your project is shortlisted, there will be an interview round as the next step. Proceed only if you have enough time to commit to this process.

- **Can I use AI tools?**

Absolutely! We encourage you to leverage AI tools to complete the task as quickly and effectively as possible.

- **What will the internship tasks involve?**

Your internship tasks will be related to this project but more complex. This task is designed to test your ability to execute quickly in a fast-paced environment.

- **Who should apply?**

Apply only if you are:

- Motivated to learn.
- Comfortable working in a fast-paced environment.
- Creative and willing to push boundaries.

- **Can I share my ideas?**

Yes! We love working with highly creative individuals who think outside the box. Feel free to pitch any innovative ideas you have for us.