



CLIENT PROJECT

WhatsApp ChatGPT Assistant That Answers Only Fitness Questions

A fitness software business with licensed users

IN SHORT

Three Node.js APIs connect WhatsApp to ChatGPT for a fitness business, keep off-topic messages out, strip personal details and tie each chat to a license.

THE CHALLENGE

The business wanted its licensed users to ask fitness questions on WhatsApp and get answers from ChatGPT. Off-topic messages had to stay out, every conversation had to belong to a valid user, and users' personal details could not be handed to the AI model.

WHAT WE BUILT

We built three Node.js APIs with a MongoDB database. One connects to the WhatsApp Cloud API, one to the ChatGPT API, and a core backend links to the client's API manager. A filter passes only fitness-related messages on, and phone numbers and personal details are removed before any text reaches ChatGPT.

AT A GLANCE

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PLATFORMS

WhatsApp

Read the full project: <https://itechnosol.com/our-work/whatsapp-chatgpt-assistant-for-fitness-business/>

THE RESULT

Users message on WhatsApp in text, audio or image and receive text replies. Each chat session is stored against the user's license, new users are registered on first contact, and ChatGPT only ever sees de-identified, fitness-related text.

BUILT WITH

Node.js, Express.js, MongoDB, WhatsApp Cloud API, OpenAI API, AWS, GitHub Actions, Git

KEY FEATURES

■ Fitness-only filter

Only fitness-related content is forwarded to ChatGPT; anything else never reaches the model.

■ License-linked sessions

Session IDs are created and stored against each user's license, so replies are matched to the right person inside the client's system.

■ Registration on first contact

The core backend registers new users through the client's API manager and opens their first chat session.

■ Personal details removed

Our backend API strips phone numbers and personal details, or swaps them for placeholders, before any text goes to ChatGPT.

■ Text, audio and image in

The WhatsApp API receives all three message types and answers in text, in a standard message format.

■ Documented APIs

Each API shipped with setup instructions, endpoint details and testing reports.

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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