EDITION

November 2026

iTechnoSol Inc.

PROJECT OVERVIEW

AI chat assistant for a fitness software business

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



AI chat assistant for a fitness software business

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

CLIENT
A fitness software business with licensed users

INDUSTRY
Software products and SaaS

PLATFORMS
WhatsApp

THE REQUIREMENT

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.

THE OUTCOME

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.

CLIENT PROJECT

What it does

In short: replies on WhatsApp, tied to each license.

Fitness-only filter

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

Personal details removed

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

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.

Text, audio and image in

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

Registration on first contact

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

Documented APIs

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

BUILT WITH

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

PLATFORMS

WhatsApp

SERVICES

- AI chatbot development
- AI agent development
- Custom software development

WORKING WITH US

How a project runs

The same four stages for every project, with working software early and the option to stop after any stage.

STAGE 1

Audit

We map the current process and agree on a first release.

STAGE 2

Trial

A working version on your data before the full build.

STAGE 3

Build

Weekly working demos, integrated with your systems.

STAGE 4

Go live

Rollout to one team, then company-wide.

INCLUDED IN EVERY QUOTATION

- Written scope with dated milestones
- Testing before delivery
- Documentation for your team
- Weekly working demo
- Code in your repository from day one
- Free bug fixes in the warranty period after launch

OUR PROMISES

- **NDA before anything**
- **You own all the code**
- **Your first call is with a founder**

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.

EMAIL
info@itechnosol.com

PHONE AND WHATSAPP
+91 97220 14000

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