Project: "OrderBuddy AI-native restaurant ordering system"

About us:

Congratulations on making it to the challenge stage of the application process! We're excited to find someone truly talented to join us and help bring many software projects to life.

OrderBuddy is an AI-powered restaurant ordering system designed to simplify QR-based ordering, menu browsing, and real-time order tracking—all through a mobile-first PWA.

Why This Challenge?

With so many so-called "experts" out there, it's hard to know who to trust. We're building an AI-native SaaS for restaurants, coffee shops, food trucks, and markets. Our platform enables QR code menus, real-time kitchen routing, and a Bring-Your-Own-Device POS replacement. Our vision is to create the operating system for restaurants, driven by smart ordering.

We understand this is just a small part of a bigger solution, but we invite you to join us on our journey to make the world a little better.

What's In It for You?

- An opportunity to work on a meaningful project that brings OrderBuddy to the public and makes it accessible to the world.
- Showcase your Python web development skills and expertise for our project.

Challenge Overview:

You'll work on our existing codebase.

1. Currently, we plan to rebuild our backend with Python instead of NestJS. Our current backend server is not suitable for both mobile clients (admin and user versions) and the upcoming web version to develop.

   Your technical assessment should focus on evaluating our application's core functionality to determine whether we can successfully convert our existing NestJS backend to Python. Additionally, assess if Python can support our future web version.

2. Please develop a simple Python A RESTful API or graphQL API endpoint interact with our mobile app (whether it's user or admin mobile app)

Time:

- The deadline for this technical assessment is within the next 48 hours after you are assigned.

What We Provide:

- Feel free to use any tools and technologies you're comfortable with, including AI development assistants.

What We'd Love to See:

- Please submit a PDF document outlining your recommendation for the web back-end development
- Additionally, provide a functional demo video showing your back-end endpoint interacting with our mobile app.