



Geeky Chef

● Team Brain Train

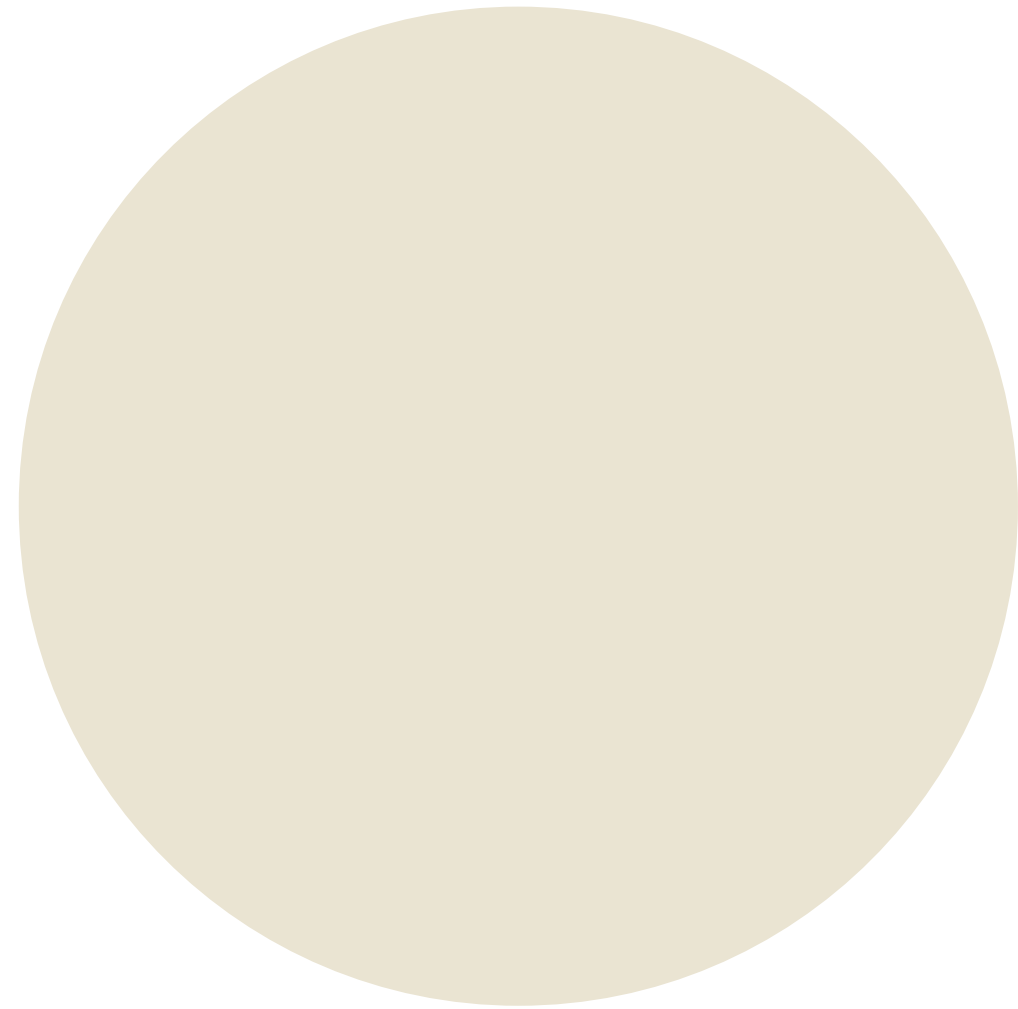


TABLE OF CONTENT

PITCH DECK PRESENTATION

01 Meet Our Team

02 About Us

03 What We Believe

04 Problems & Solution

05 Features

06 Tech Stack



MEET OUR TEAM : BRAIN TRAIN



Captain

Mostafa Rifat Tazwar

Role: Devops



Member 1

Abdullah Muhammed
Amimul Ehsan

Role: Backend



Member 2

Abrar Jahin Sarker

Role: Frontend

ABOUT US



- We are the students of Level 3, Term 2 of BUET CSE Department
- In the past, we developed a **Smart Automobile** with sonar obstacle avoidance and GPS navigation in our Microcontroller course.
- Tazwar and Jahin previously built **BdStockz**, a stock trading platform using Node.js, OracleDB, and Express, in our Database course.
- In the same course, Amim led the project **Ghora**, a ride-sharing webapp built with Node.js, Express, OracleDB, and Google Maps API.



WHAT WE BELIEVE

ABOUT OUR VISION AND MISSION

VISION

To transform the way people approach nutrition, creating a future where everyone has easy access to personalized, healthy meals tailored to their unique needs

MISSION

To deliver personalized meal suggestions and nutrition insights that help individuals achieve their health goals, making healthy eating simple and accessible through technology.

PROBLEMS

WE WILL SOLVE THE PROBLEMS

- 01 Lack of personalized meal recommendations
- 02 Limited tailored options for specific dietary restrictions
- 03 Poor understanding of meal nutrition outside home
- 04 Difficulty tracking daily nutrition
- 05 Time constraints for preparing healthy meals
- 06 Challenging meal planning scenarios



SOLUTION



01 Personalized Recipe Recommendations

- Tailored to health goals, dietary needs, and available ingredients
- Smart search for situation-based meals (quick vs. delicacy)

02 Nutritional Insights and Tracking

- Photo-based calorie and nutrient estimation for any dish
- Filter recipes using a nutrition value API for balanced diets

02 Enhanced User Experience

- Chatbot for recipe assistance
- Simplified meal preparation with easy-to-follow plans

FEATURES

Smart Recipe Search

Edamam's Recipe Search API

Nutritional Analysis

Edamam's Nutrition
Analysis API and Food
Database API

Image-based Food Item Detection

YOLOv8 computer vision
model

Interactive Chatbot

Meta LLaMA or GPT
models

Special Features

Calorie and nutrient estimation,
context-aware recipe suggestions,
personalized meal recommendations
& recipe discovery

TECH STACK AND DEVELOPMENT WORKFLOW



Tech Stack

MERN (MongoDB,
Express.js, React, Node.js)

Version Control

GitHub

CI/CD Pipeline

GitHub Actions

Project Management

GitHub Projects

Devlog

Combination of GitHub
Wiki or a CHANGELOG.md
with GitHub Projects

Deployment

Vercel



THANK YOU

● FEEL FREE TO ASK ANY QUESTIONS

