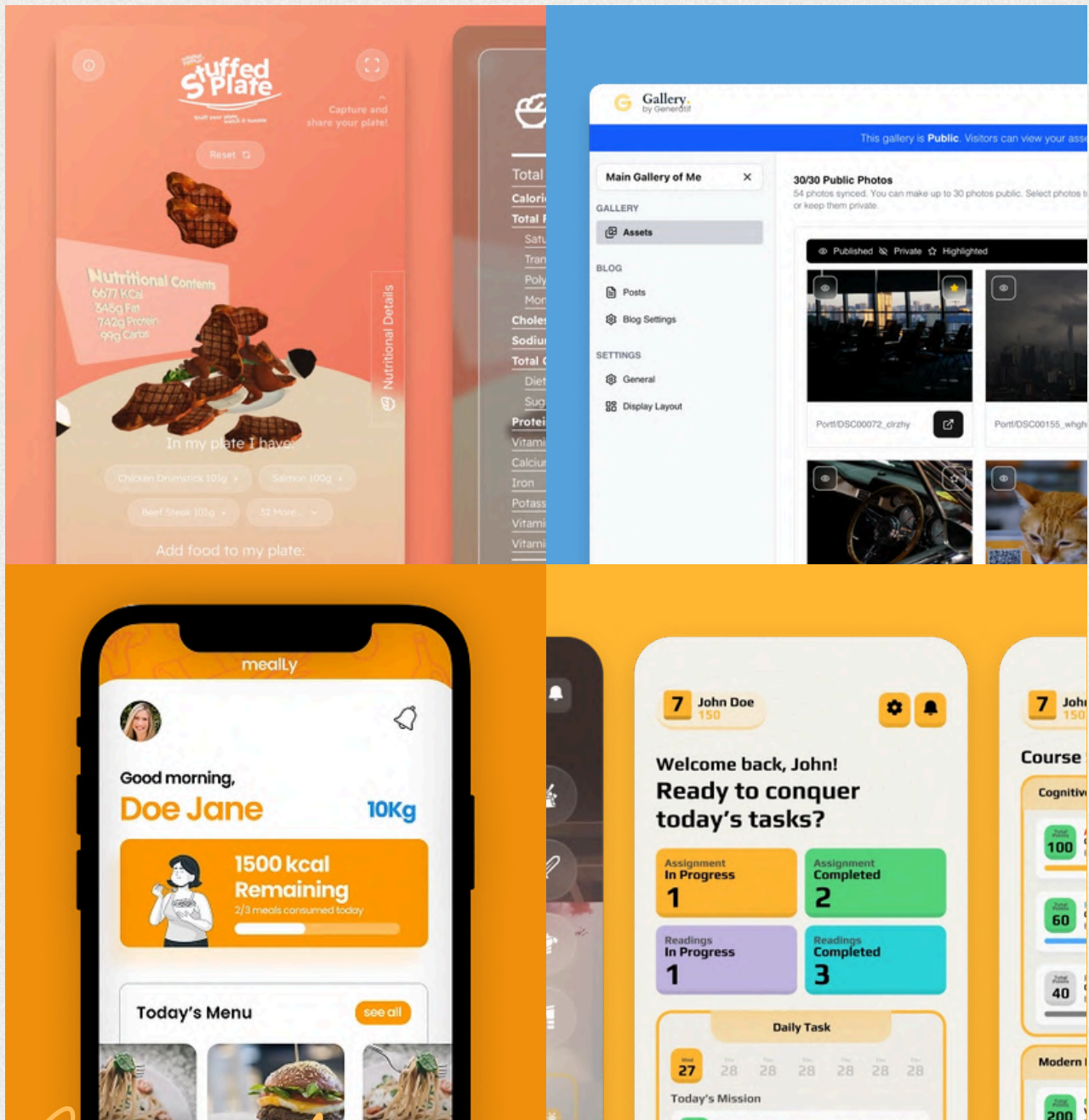



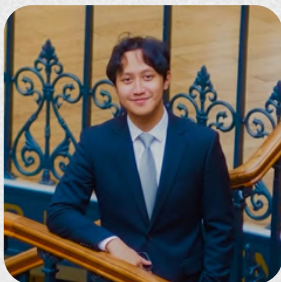
PORTFOLIO²⁵



Naufal Fathur
NAUFAL FATHUR


**SOFTWARE
DEVELOPER**


 naufalfathur.is-a.dev



ABOUT ME


Creative technologist with 3+ years in UI/UX and software development, and 5+ years in graphic design and multimedia. Passionate about crafting inclusive digital experiences. Currently pursuing an MSc in Innovation Management at the University of Manchester, with a background in Software Engineering.

 naufalfathur@gmail.com

 naufalfathur.is-a.dev

I always strive to deliver my best


 **Vice Chancellor Award**
University Putra Malaysia


 **Dean's List (3 Semesters)**
University Putra Malaysia

 **IEEE Final Year Project Finalist**
IEEE Malaysia

 **Quality Champion**
TDCX (Google Tag)

 **Bicentenary Global Futures Scholarship**
University of Manchester

 **Best Startup Pitch**
University of Manchester

 **First Class (Distinction) Graduates**
University of Manchester

Experiences

2022/PRESENT
Generatif.co
Co-Founder / Digital Transformation Consultant

2021/2024
TDCX Malaysia
Front-End Developer @Google Tag Team

2021/2021
Huacomm Telecommunications
Software Developer (Full Stack) Intern

Education

2024/2025
University of Manchester
MSc Innovation Management and Entrepreneurship (1st Class)

2017/2021
Universiti Putra Malaysia
Bachelor of Software Engineering, 2:1 (Hons.)

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fathur

*Naufal
Fathur*

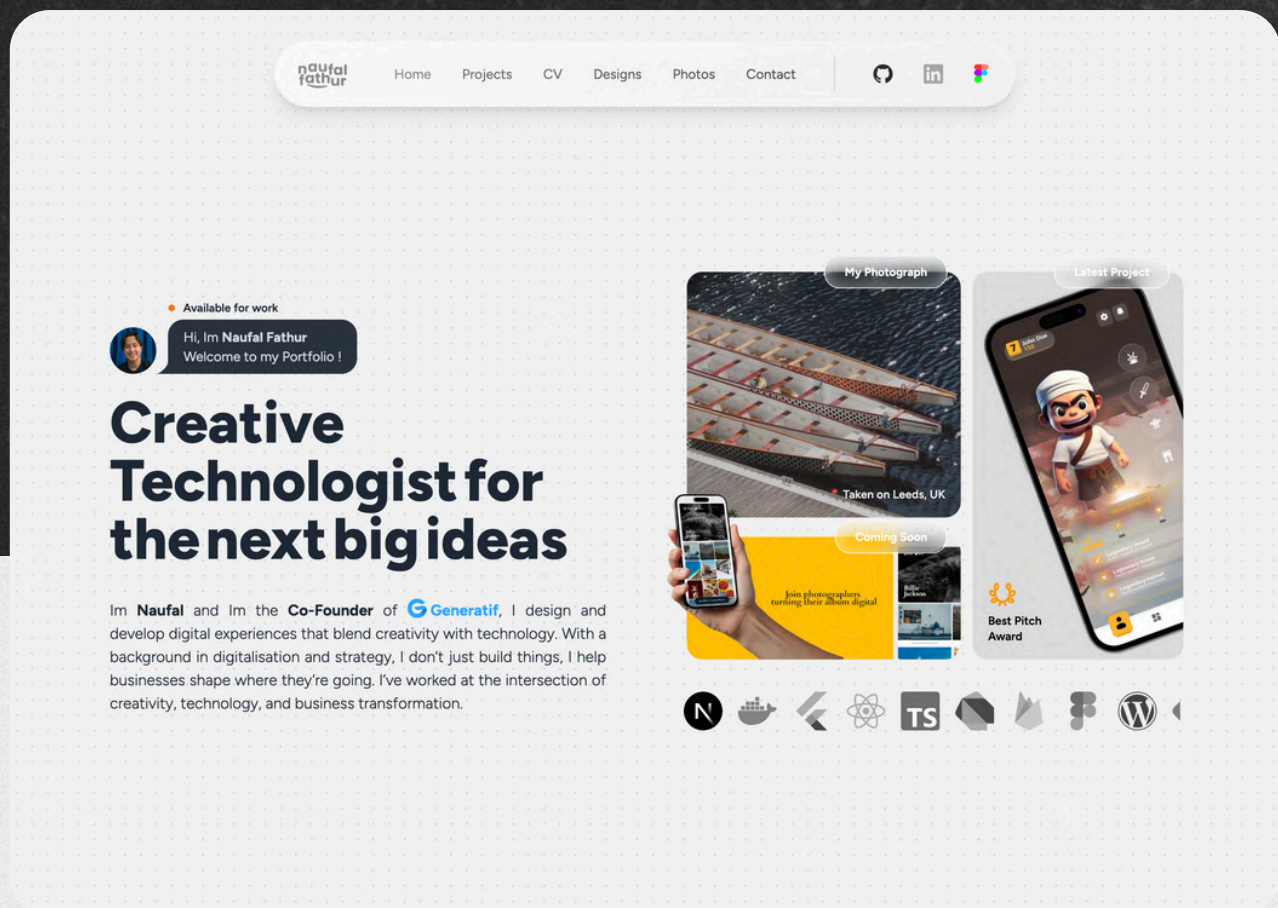
PROJECTS

A selection of my highlighted projects, **not a full list and not shown in full detail.**

For complete project write-ups, visit my portfolio: naufalfathur.is-a.dev.

naufalfathur.is-a.dev

Portfolio website



View full portfolio [↗](#)

naufal fathur

stuffed-plate

A web-based 3D food plate app to visualize, track, and share nutritional information of meals.

Search your food

Beef

Beef / 101g

Beef Steak / 101g

Beef Steak Meat / 101g



PWA Support

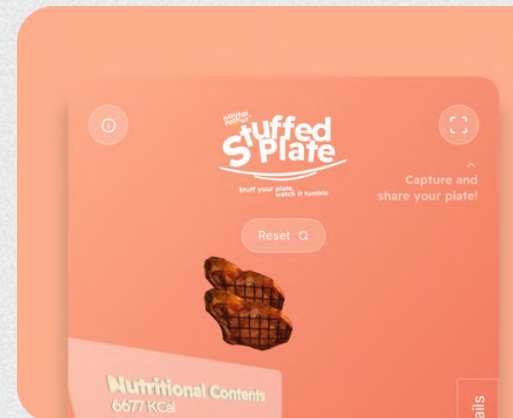
**Access anywhere,
install instantly.**

Access your plate from any device, anywhere,
and install it for instant, app-like experience
without downloads.

Add foods to your
plate, then watch them
appear instantly in 3D.

View a clear breakdown of calories
and nutrients for each item, plus
totals for your entire plate

Snap and share
your plate.



Background & Motivation

Many people struggle with understanding the nutritional content of their meals and often find traditional tracking apps boring. Additionally, I wanted to explore modern web 3D capabilities using Three.js and see how immersive visualisation could enhance everyday tools.

StuffedPlate was created to solve this by providing a visually appealing and interactive platform where users can assemble meals on a 3D plate, instantly see detailed nutrition information, and share their creations with friends. The idea started as a personal experiment on Three.js but evolved into a full-fledged interactive experience demonstrating real-time data integration, 3D rendering, and PWA capabilities.

Key Features

Interactive 3D plate

Foods are rendered as 3D objects or text. Users can rotate, zoom, and inspect their plate visually.

Nutrition insights

Total and individual meal nutrients are calculated in real-time using data fetched from the FatSecret API. Supports macro and micro nutrients.

Capture & share

Screenshots of the plate can be taken and shared via mobile sharing APIs or downloaded.

Progressive Web App (PWA)

Fully accessible from mobile and desktop, with installable capability for offline use.

Stuffed Plate

Interactive 3D Meal Tracker

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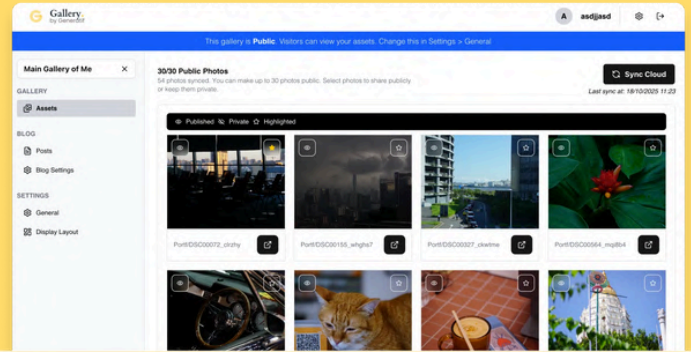
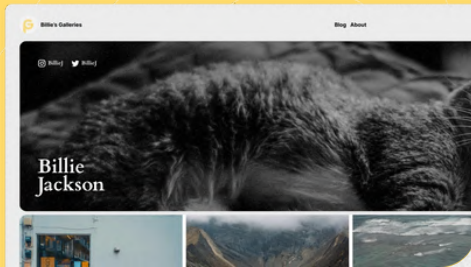
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**Stuffed
Plate**
Stuff your plate,
watch it tumble

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gallery

A platform that empowers photographers to build, customize, and publish stunning online portfolios, all without writing a single line of code

Join photographers who are turning their album into digital

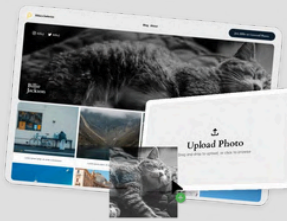
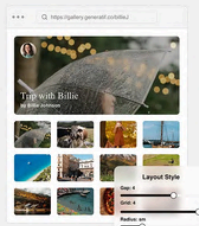


Your Photography, Perfectly Showcased

Build a beautiful portfolio website in minutes. Upload your photos, personalize your gallery, and share your creative vision with the world.

gallery.generated.photos

Get Started



Background & Motivation

As creative professionals, many photographers struggle with maintaining a personal website, dealing with complex tools like WordPress, expensive website builders, or manual hosting setups. This project was created to solve this problem by offering all-in-one, code-free portfolio builder that connects directly to a user's existing Cloudinary library, with beautiful, fast, and configurable interface that makes it easy to present photography work online.

Techstacks

Frontend:

React (with TypeScript), for robust, type-safe UI development.

Vite, chosen for its blazing-fast build times and modern ES module support.

TanStack Router, file-based routing with data loaders and layout nesting, providing a clean separation between authentication, dashboard, and public gallery routes.

Tailwind CSS v4, for utility-first styling, now with native CSS variables and zero-config setup.

shadcn/ui, for accessible, themeable UI primitives (forms, modals, toggles, etc.).

Backend:

Built entirely on Appwrite, which serves as the unified backend platform for authentication, database, and serverless functions. All backend logic is powered by Node.js functions deployed within Appwrite, handling Cloudinary synchronization, API validation, and data management.

Gallery

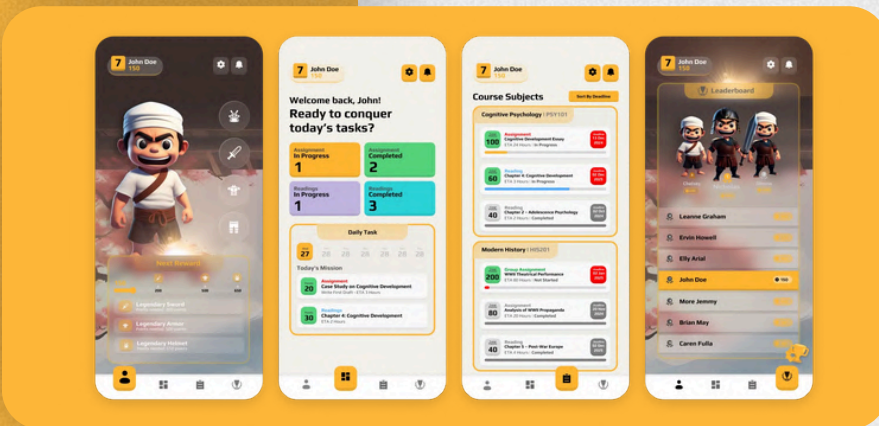
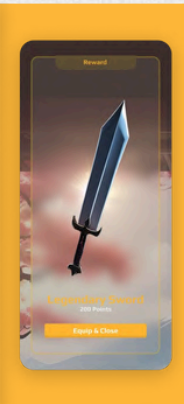
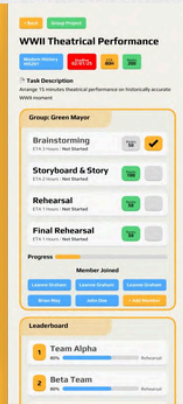
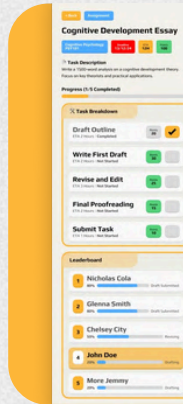
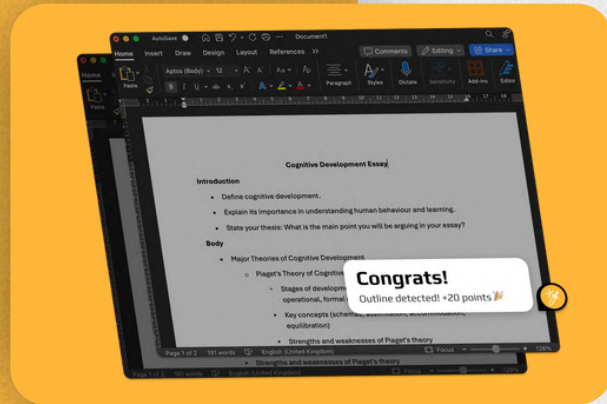
Photographer Portfolio Builder

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taskninja

A gamified productivity app designed to help students tackle tasks, improve time management, and stay motivated in a fun, interactive environment.



Project Background

TASKNINJA was developed during my Master's degree as a startup concept to address the common challenge of student time management and task completion. The project aimed to transform academic tasks into a motivating, game-like experience, combining productivity strategies with engaging digital design. As project lead, I oversaw ideation, product strategy, market research, business planning, finance, and user testing, ensuring the app solved real student productivity challenges while being commercially viable. I also handled prototyping, branding, and UI/UX design using Figma, delivering a cohesive and engaging experience.

Results

The result was a measurable impact: an 80% improvement in productivity and time management, alongside a 60% increase in task completion and motivation. TASKNINJA also received recognition for its innovation, winning Best Pitch at the High Tech Entrepreneurship Annual Competition at the University of Manchester.

TaskNinja

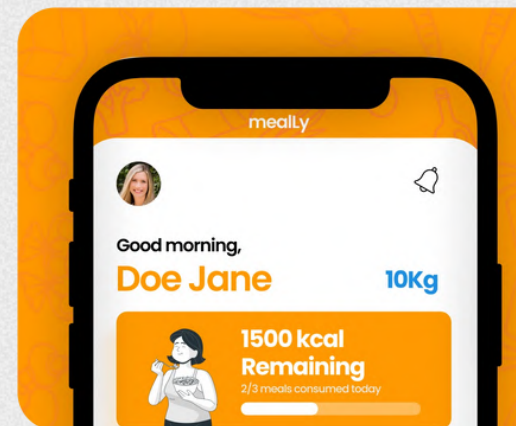
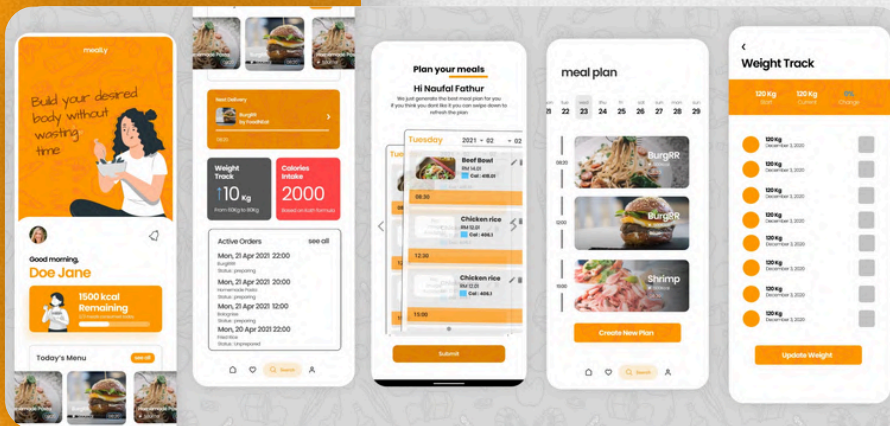
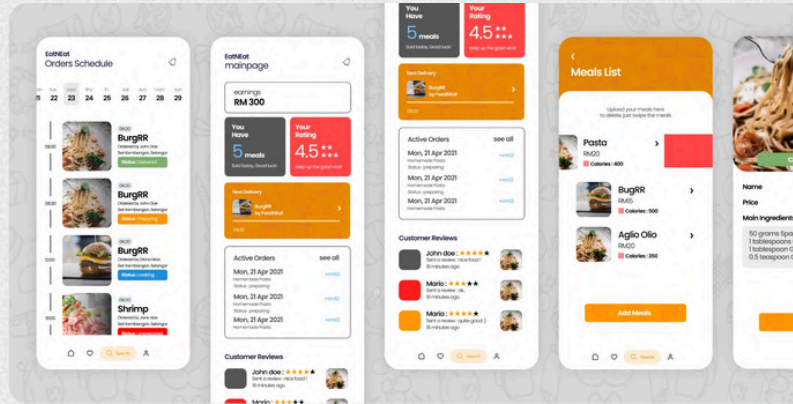
Student's Productivity game changer

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meally

A personalized meal-planning and ordering mobile app that automatically calculates calorie intake and generates meal plans, designed for busy people who still want to eat healthy



Project Background

Meally was developed as my Final Year Project, aimed at solving a common modern dilemma, how to maintain a healthy diet when time and knowledge are limited. Research showed that while most people understand the importance of nutrition, many fail to apply it due to time constraints, lack of dietary knowledge, and limited access to healthy yet convenient meal options. The idea behind Meally was simple: make balanced eating as fast and accessible as fast food. By integrating nutrition tracking, restaurant data, and automated meal planning, the app helps users eat well without sacrificing productivity or convenience. The project was later shortlisted as a finalist in the IEEE Young Professional Malaysia - 5 Minutes Final Year Project Competition.

Key Features

Built with Flutter for cross-platform compatibility and Node.js with Firebase Firestore for backend and database management, Meally combines personalized health tracking with seamless food ordering. Users begin by entering their basic information such as weight, height, and dietary goals (gain, lose, or maintain weight). The app then automatically calculates the user's calorie intake needs and generates a daily or weekly meal plan tailored to that profile.

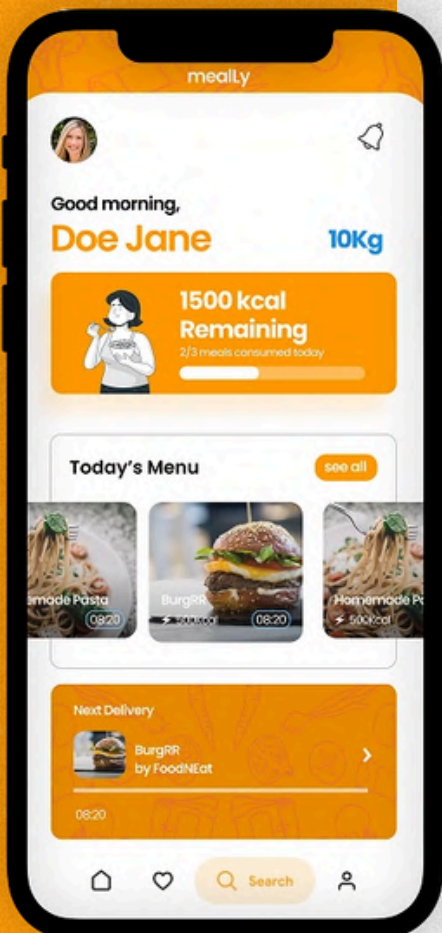
Each meal recommendation is linked to partner restaurants near the user's location, allowing them to order directly through the app. To streamline the process further, Meally includes a one-time order system, enabling users to pre-order meals for an entire day or week in a single transaction, reducing both decision fatigue and ordering time.

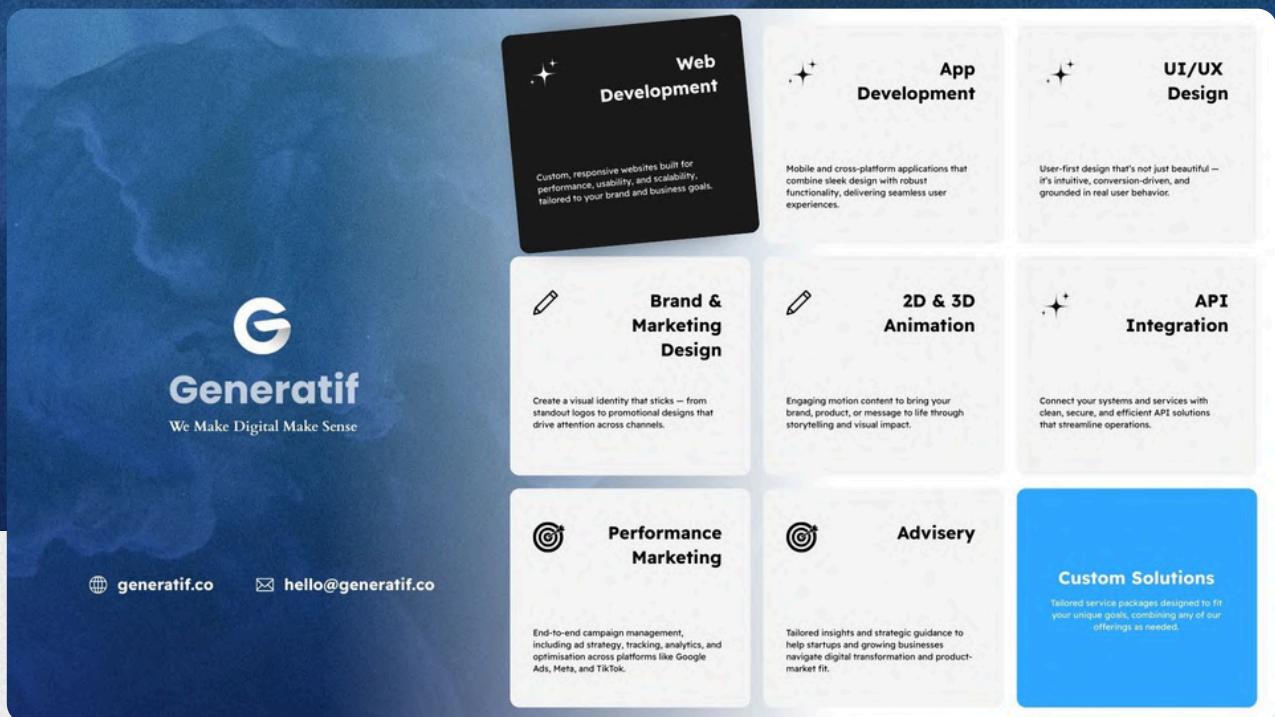
Meally

Meal Planning and Ordering Mobile App

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I also run a small agency that help your business into digital

For more info [🔗](#)

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naufalfathur@gmail.com