



Online Food Delivery App with MERN Stack

Revolutionizing food ordering with technology. Experience fast, reliable, and user-friendly service.

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Why MERN Stack?

MongoDB

Scalable, flexible NoSQL database for dynamic data models.

Express.js

Robust backend framework simplifying routing and middleware.

React.js

Dynamic UI library with reusable components.

Node.js

Event-driven server-side runtime for efficient processing.

MERM Stack



Made with GAMMA



Key Features: Customer App



Easy Browsing

Restaurants filtered by cuisine, location, and ratings.



Order Tracking

Real-time updates from order to delivery.



Secure Payments

Integrated Stripe and PayPal options.



Personalized Experience

Recommendations, order history, and favorites.

Key Features: Restaurant App

Menu Management

Add, edit, or delete menu items quickly.

Order Management

Accept, reject, and update order status effortlessly.

Notifications & Analytics

Receive real-time orders and review sales reports.

Driver Coordination

Manage drivers and define delivery zones.



Key Features: Driver App



Real-time
Location



Route
Optimization



Status Updates

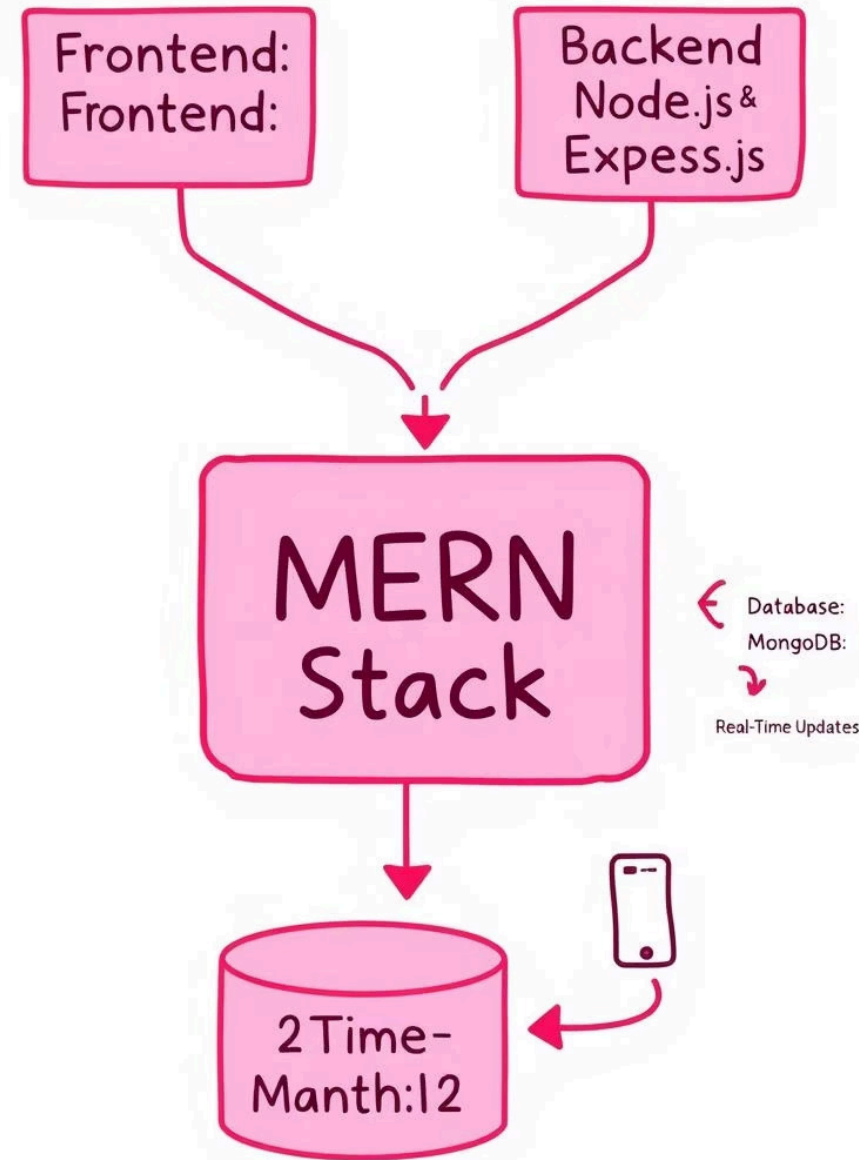


Earnings
Tracking

Communicate with customers and restaurants. Capture proof of delivery by signatures or photos.

MERN Stack Architecture

- 1** — **React Frontend**
User interface interacts with backend APIs.
- 2** — **Node & Express Backend**
Handles routing and API requests securely.
- 3** — **MongoDB Database**
Stores user, restaurant, and order data efficiently.
- 4** — **Real-time Updates**
Socket.IO ensures instant order and status changes.





Development Process

1

Agile Sprints

Bi-weekly cycles for iterative progress.

2

Version Control

Git and GitHub manage code changes securely.

3

CI/CD Pipeline

Continuous integration delivers frequent, tested updates.

4

Testing

Unit, integration, and end-to-end testing ensure quality.

Tech Stack Details

Frontend

- React.js, Redux, Material-UI, Axios

Backend

- Node.js, Express.js, Mongoose, JWT, bcrypt

Infrastructure

- MongoDB Atlas Cloud
- AWS, Google Cloud, or Heroku

Real-time & Payments

- Socket.IO, Stripe and PayPal APIs

Monetization Strategy

1 Order Commission

Charge 15-25% per transaction.

2 Featured Listings

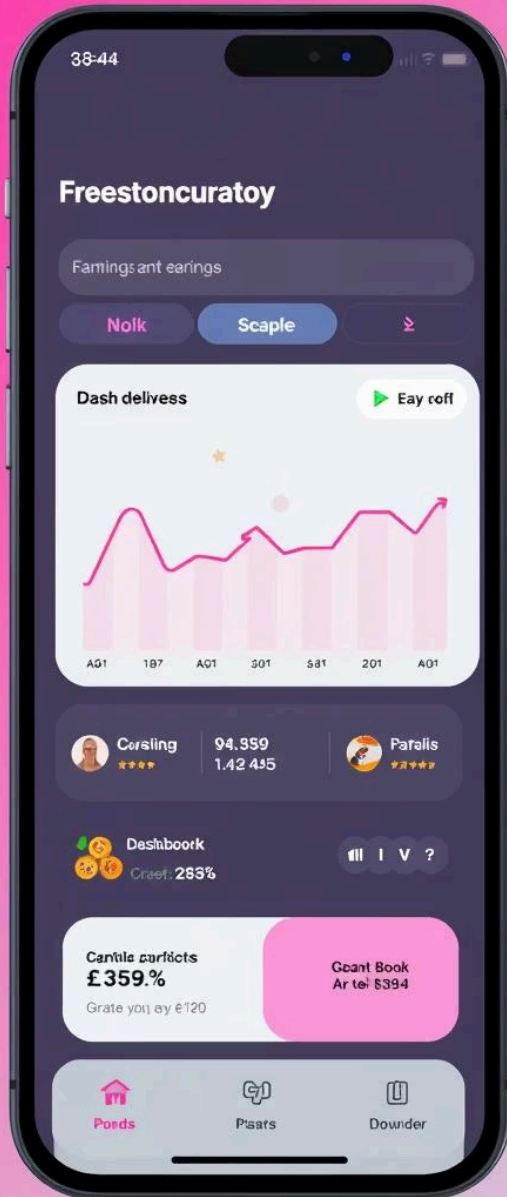
Restaurants pay to appear prominently.

3 Advertising

Offer ad space for local business promotions.

4 Premium Subscriptions

Provide benefits like free delivery for members.





Conclusion

MERN stack enables scalable, efficient app development. Features serve customers, restaurants, and drivers. This app has strong potential to disrupt food delivery markets.