Technology Stack

Date	26 June 2025
Team ID	LTVIP2025TMID53479
Project Name	OrderOntheGo: your on-demand food ordering solution
Maximum Marks	4 MARKS

Technical Architecture

OrderOnTheGo is built on a scalable 3-tier architecture consisting of:
• Presentation Layer: React.js for customer, restaurant, and admin interfaces.
• Business Logic Layer: Node.js & Express.js handling routing, orders, payments.
• Data Storage Layer: MongoDB for all persistent data storage.

The platform supports real-time updates via Socket.io and integrates APIs for payments (Stripe/Razorpay), SMS, and email notifications.

Components & Technologies

Component	Description	Technology
User Interface	Web/mobile interface for customers, restaurants, delivery agents	React.js, HTML, CSS, JavaScript
Application Logic - Orders	Order placement, cart management, checkout	Node.js, Express.js
Admin & Analytics	Dashboard and reporting tools	React.js, Node.js
Database	Stores orders, menus, profiles	MongoDB

Application Characteristics

Characteristic	Description	Technology
Open-Source Frameworks	Frontend/backend frameworks	React.js, Node.js, Tailwind CSS
Scalable Architecture	Modular and microservices-	REST APIs, Docker, CI/CD