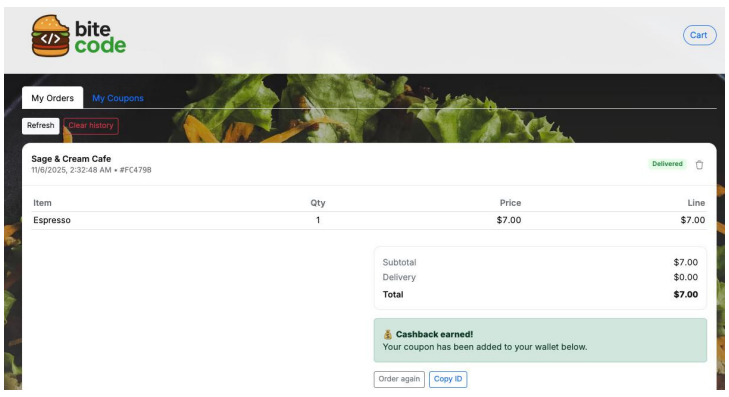
bite code

Because coding's better with curry ...

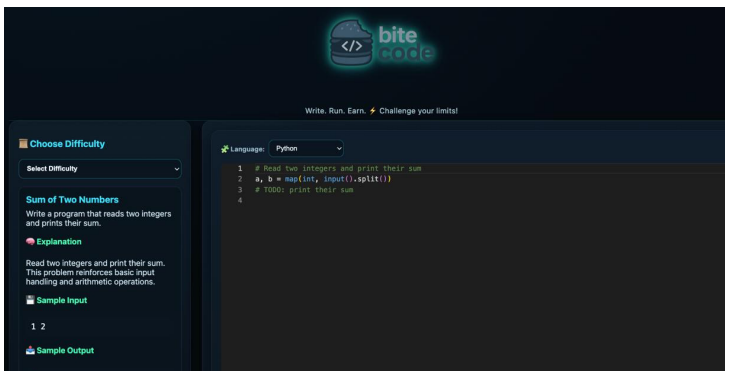
BiteCode turns your food delivery wait time into a fun coding arena — solve quick challenges while your meal is on the move. The better you code, the bigger your rewards — because at BiteCode, every byte earns you a bite!

Food delivery apps are everywhere, but they rarely make waiting fun or rewarding. BiteCode turns downtime into an engaging experience by merging food delivery with coding challenges. While your order is on the way, you can solve coding problems of varying difficulty, earn instant cashback coupons, and unlock food rewards. Designed for students, developers, and curious minds, BiteCode gamifies learning and makes every delivery an opportunity to grow your skills—and your savings. With a sleek interface, real-time order tracking, and Judge0-powered coding, it's not just about what you eat, but how you earn it.



Customer side dashboard with coupons

Coding Challenge Micro - Platform



Repository

Discussion Forum

BiteCode Demo

Milestones Achieved:

- Developed a complete multi-role food delivery system supporting customers, restaurants, and drivers, with seamless order creation, assignment, and fulfillment workflows.
- Integrated a coding challenge micro-platform (Judge0) that dynamically generates cashback or coupon rewards based on challenge difficulty and user performance.
- Engineered automated coupon application logic — earned rewards are stored, validated, and directly applied during checkout for the next food order.
- Designed responsive, role-specific dashboards for restaurants, drivers, and customers with intuitive interfaces for menu management, order tracking, and payment processing.
- Implemented modular backend architecture using Express + MongoDB with clean separation of routes, models, and configurations, ensuring scalability and ease of testing.

Future Milestones:

- Adaptive Challenge Difficulty: Adjust coding task levels based on order frequency and past performance.
- Hook up your chess engine, share your toughest positions, and let players earn rewards solving them!
- Geolocation Tracking: Enable live driver location and delivery ETA via Google Maps integration.
- UI/UX & Stability Enhancements: Improve responsiveness, consistency, and overall performance across dashboards.
- Payment & Security Upgrades: Strengthen payment flows with verification, refunds, and secure logging.

120+ TEST CASES

75% CODE COVERAGE

Stakeholders:

- Customer
- Driver
- Restaurant Admin
- Coding Platform Admin

Sec2G3: Divya Kannan
Soham Deshpande
Tejas Ramesh
Mahek Kantharia