



- DISCOVER NEARBY SHOPS
- CHECK LIVE AVAILABILITY
- SHOP LOCALLY

PROBLEM STATEMENT

- Local shoppers don't know product availability nearby.
- Multiple shop visits waste significant time and physical effort.
- Small physical vendors lack digital visibility against e-commerce giants.

PROJECT OVERVIEW

MISSION:

ShopLens is a state-of-the-art hyperlocal commerce engine that digitizes local shop inventories for instant discovery.

SCOPE:

Targets urban clusters with dense retail populations across grocery, electronics, and fashion sectors.

REAL-WORLD USE CASE

Example (Electronics): A user searches for a specific "Type-C Fast Charger" → System identifies 3 nearby stores with stock → User selects closest shop → Local purchase completed instantly.

TECH STACK & PROJECT STATUS

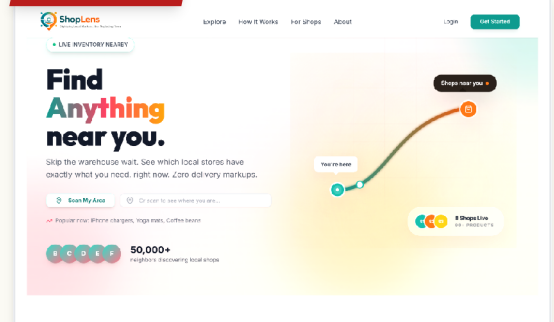
TECH STACK

- Frontend: React
- Backend: Node.js, Express
- Database: MongoDB
- APIs: Location & Map Services

PROJECT STATUS

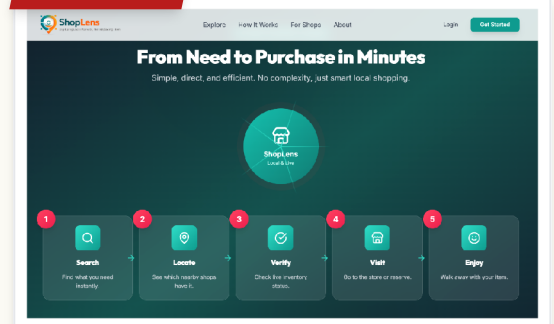
- Working Prototype
- Seller & Customer Panels
- Real-time Stock Sync

HOME PAGE



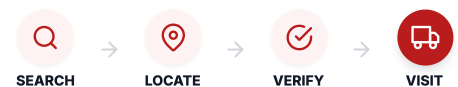
HYPERLOCAL DISCOVERY & MAP VIEW

WORKFLOW



"NEED TO PURCHASE" EFFICIENCY FLOW

CUSTOMER JOURNEY FLOW



TEAM MEMBERS

- Shashwat Dixit** (TEAM LEADER)
- Khushaboo Saini
- Lakshya Dwivedi
- Khushveer Dara

GUIDED BY (MENTOR)

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