



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.

### KEY FEATURES

- ✓ Live product availability
- ✓ Local shop discovery
- ✓ Category-wise browsing
- ✓ Lightweight seller dashboard

### 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

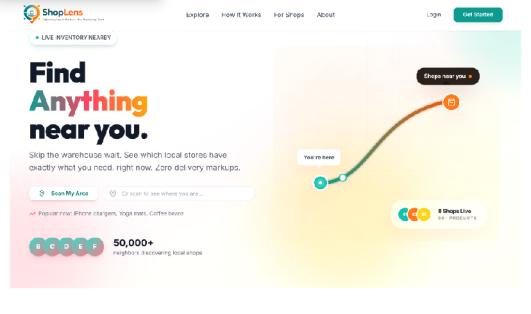
#### TECH STACK

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

#### PROJECT STATUS

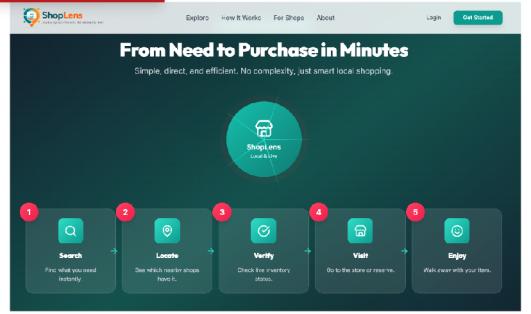
- ✓ Working Prototype
- ✓ Seller & Customer Panels
- ✓ Real-time Stock Sync

### 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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