Rahul
@rahul_codes

How does Google Maps actually work

Google Maps
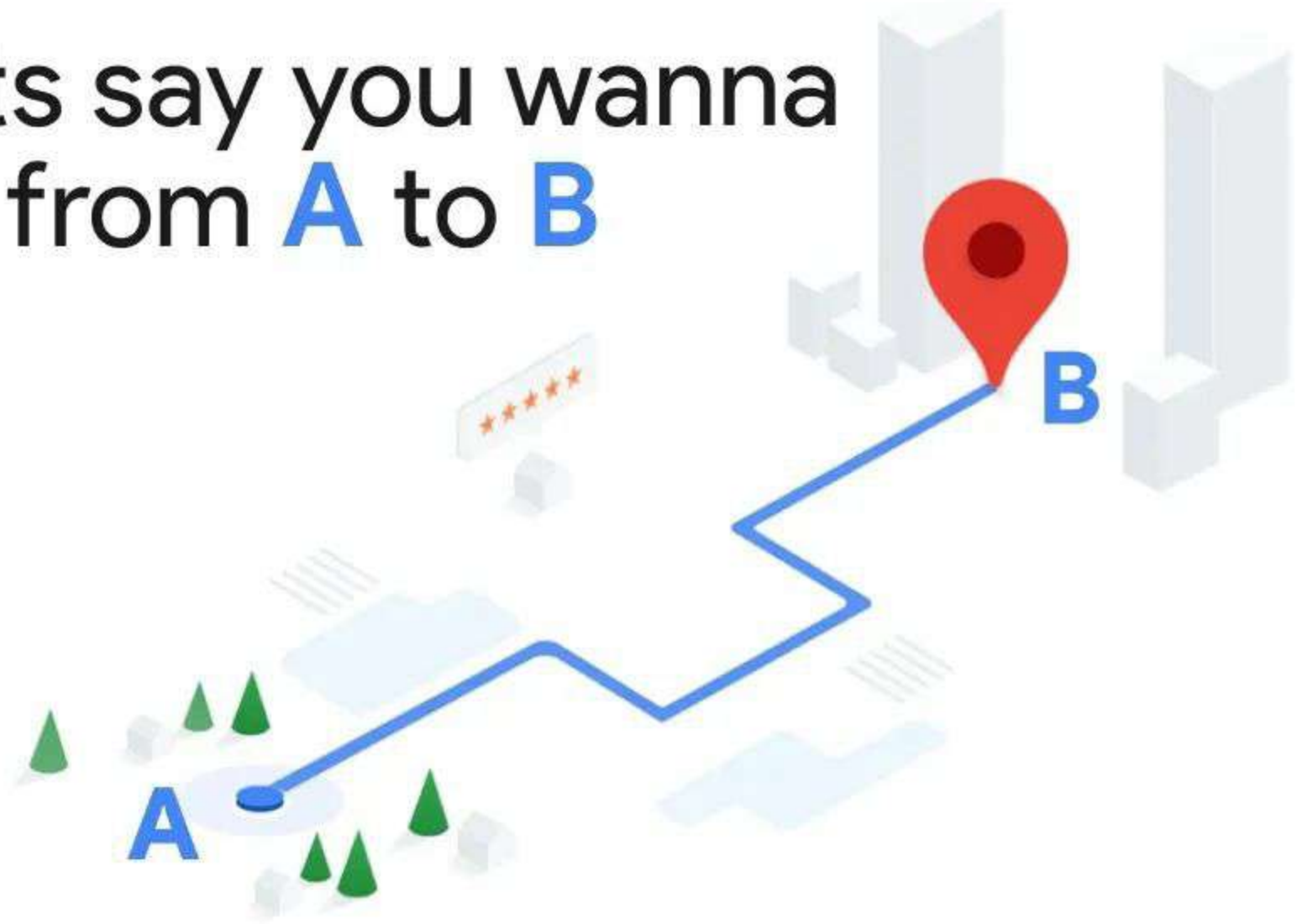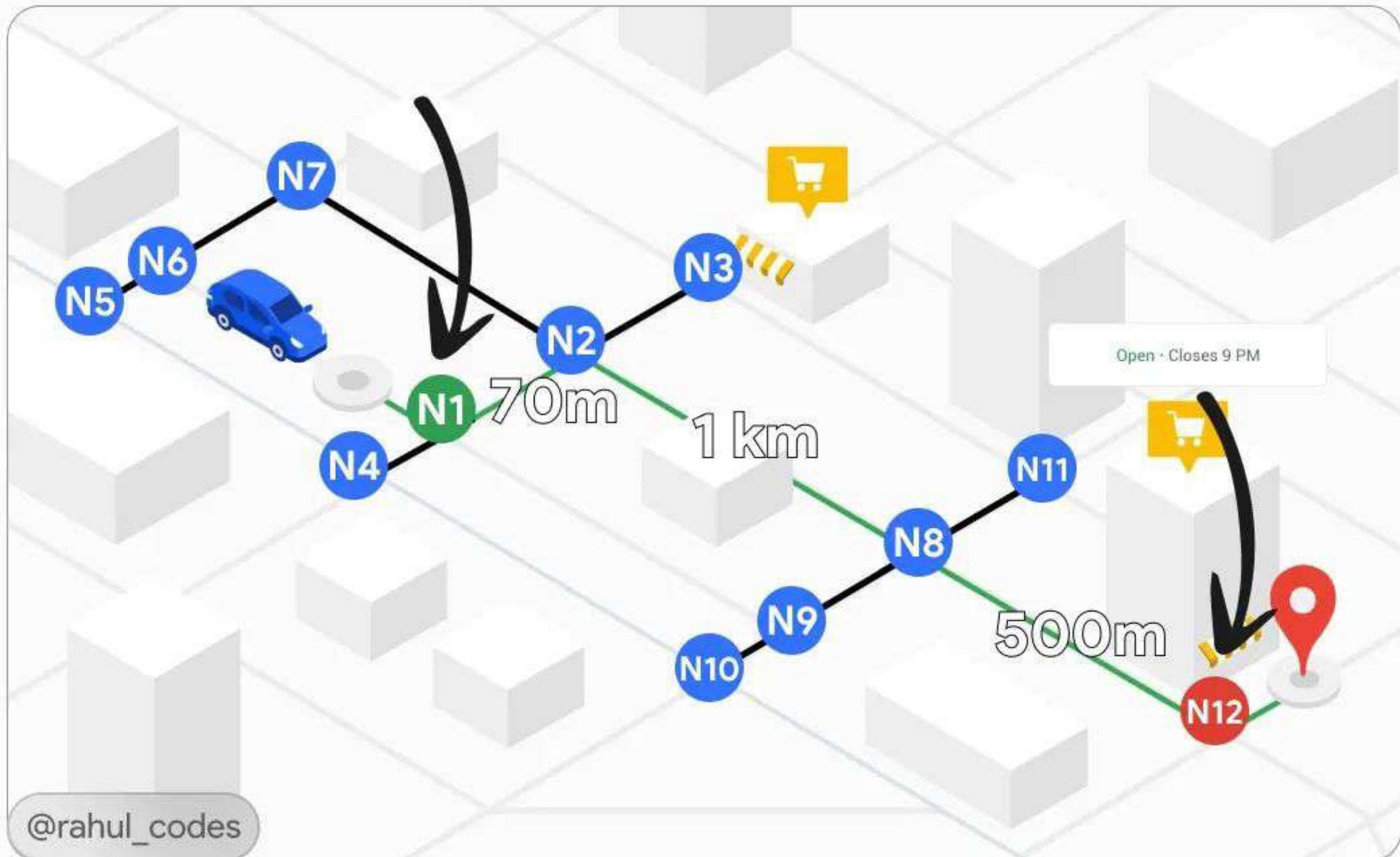
Lets say you wanna go from **A** to **B**

Google Maps will show you the shortest and the fastest Distance
BUT HOW? →

First, each intersection is converted into a node

You are at N1
and you wanna go to N12

1. Distance between each node is calculated

2. Shortest Path is choosen at every instance

3. Distance is updated after every step and we get the final route

Open · Closes 9 PM

70m

1 km

500m

@rahul_codes

But, this is not that simple

i can't go into detials in this small post

many algorithms are used for it

⭐ Dijkstra's Algorithm
⭐ A* Algorithm ← *this one is better*