

TANISH BATRA

Krishna Nagar, Delhi

📞 +91 9667256360 📩 tanishbatra397@gmail.com 💬 LinkedIn 🐾 GitHub 🌐 Portfolio 🔍 Leetcode

EDUCATION

Guru Gobind Singh Indraprastha University

Bachelor of Technology — Computer Science & Engineering

Aug 2024 – Present

Delhi, India

- Bhagwan Parshuram Institute of Technology (BPIT)
- **CGPA: 9.78** (Till 3rd Semester)
- Current Semester: 3rd

PROJECTS

DealDrop — Price Tracking Web App

2025

Next.js, Tailwind, Supabase, Cron Jobs, Email Automation

- Built an automated price-tracking platform with product scraping and monitoring.
- Implemented cron-based background jobs to track price updates in Supabase.
- Developed automated email alerts for price-drop notifications.
- Designed interactive price-history graph for better user decisions.
- Created scalable DB structure for products and price history.
- Optimized API routes for efficient price comparison and trigger events.

Metro Route Optimizer — Graph Algorithm Project

2025

C++ — Dijkstra & BFS Pathfinding

- Developed metro route optimization system using graph algorithms.
- Computed shortest distance, travel time, and number of interchanges.
- Implemented Dijkstra + BFS for efficient pathfinding.
- Added route comparison, fare estimation, and interchange detection.
- Improved graph traversal speed and memory efficiency.
- Tested with real metro dataset for accuracy.

TECHNICAL SKILLS

- **Languages:** C++, JavaScript, HTML, CSS
- **Frameworks:** React, Next.js, Node.js, Express.js
- **Databases:** MongoDB, Supabase
- **Developer Tools:** Git

CERTIFICATIONS

- Full-Stack Web Development Bootcamp — Udemy (In Progress)
- C++ & Data Structures — Udemy (Ongoing)
- MERN Stack Fundamentals — Udemy (Currently Learning)

ACHIEVEMENTS

- Participated in NSUT Web Development Hackathon
- Participated in Smart India Hackathon (SIH)