

SHUBH GOEL

Ghaziabad, Uttar Pradesh

☎ +91 8076949994 ✉ shubhgoel2002@gmail.com 💻 [shubh-goel-383763295](https://www.linkedin.com/in/shubh-goel-383763295) 🌐 [shubhgoel01](https://github.com/shubhgoel01)

Education

National Institute of Technology Karnataka, Surathkal

Masters of Computer Applications - CGPA: 8.71

Aug. 2023 – July 2026

Surathkal, Karnataka

Ch. Charan Singh University, Meerut

Bachelor of Computer Applications - Percentage: 75.5%

Aug. 2020 – July 2023

Ghaziabad, Uttar Pradesh

Holy Trinity Church School

Class XII - Percentage: 80.6%

2020

Ghaziabad, Uttar Pradesh

Coursework

- Data Structures and Algorithms
- Database Management System
- Object Oriented Programming
- Operating System

Projects

NITK Campus Ride – Cycle Rental System 🌀- *Node.js, Express.js, MongoDB, JWT, Stripe, Google Maps API*

- Developed a complete backend system enabling NITK students to instantly borrow and return shared cycles across campus, reducing travelling time by up to **70%**.
- Integrated Google Maps Distance Matrix API to calculate cycling duration and distance between predefined, geocoded campus locations for accurate return time estimation.
- Designed a location management module using GeoJSON and MongoDB to enforce validated routes and prevent invalid bookings across the 200-acre campus.
- Implemented secure user authentication and the full booking lifecycle (start, end, cancel) with round-trip support, delay penalties, and conflict-free bookings.
- Integrated Stripe Payment Intents API to handle penalty payments and designed a transaction logging system for accountability.
- Built admin-side functions with filtering and inventory controls enabling cycle management.

VibeNest – Social Media Post Sharing App 🌀- *React.js, Tailwind CSS, Express.js, MongoDB, JWT*

- Built a full-stack social media platform with post creation, media upload (text, image, video).
- Implemented JWT-based authentication with protected routes and token handling.
- Developed core features: **like/unlike posts**, **comment system**, and a **follow/unfollow request system**.
- Implemented paging for efficient post feed loading and improved performance.
- Built trending tag and impression tracking system and tag-based discovery.
- Created modular APIs for followers, sent/received requests, follower counts, and user search.

Technical Skills

Languages: C, C++, Kotlin, JavaScript, HTML, CSS

Developer Tools: VS Code, Android Studio, Postman, Git, GitHub

Technologies / Frameworks: React.js, Node.js, Tailwind CSS, Jetpack Compose, Room DB, Firebase

Coding Profile

LeetCode: 450+ problems solved 🌀

GeeksForGeeks: 300+ problems solved 🌀

Achievements & Others

All India Rank 102, NIMCET 2023

Retail Business Owner (Jul 2020 – Jan 2023):

- Established and managed a retail electronics business for 2.5 years.
- Sold and assembled over 10 different cooler and fan products.
- Handled all aspects of operations: inventory, customer support, and technical product knowledge.