

SHUBHAM KUMAR

+91 8449233919 contactme.shubhamkumar@gmail.com [linkedin.com/in/shubham-kumr](https://www.linkedin.com/in/shubham-kumr) github.com/shubham-kumr

EDUCATION

Lloyd Institute of Engineering and Technology, Greater Noida

- B.Tech Computer Science and Engineering.

Current Percentage: 75%

2022 - 2026

Azad Public School, Bulandshahr

- Central Board of Secondary Education

Percentage: 75% (12th)

2009 - 2022

PROJECT

Route System - Map | Leaflet, JavaScript

- Developed an interactive route time estimation system using Leaflet to visualize travel durations between geographic points.
- Integrated dynamic map rendering and real-time distance calculations, enabling users to input start and end locations for streamlined route planning.
- Designed for simplicity and efficiency, reducing user effort in travel time estimation.
- Leveraged Leaflet's geolocation APIs for accurate coordinate mapping and seamless user experience.

Real-Time Shopping List App | JavaScript, Firebase

- Built a cross-platform shopping list application with real-time synchronization using Firebase for data persistence and dynamic updates.
- Enabled users to add, remove, and track items instantly, with changes reflected across devices in real time.
- Prioritized minimalistic design to enhance usability and ensure quick adoption for all user demographics.

Object Tracking System - Computer Vision | OpenCV, NumPy, Python

- Engineered a real-time object detection and tracking system using OpenCV and NumPy for video stream analysis.
- Implemented contour detection, motion tracking, and coordinate mapping to monitor object movement with high precision.
- Optimized frame processing with NumPy array operations for low-latency performance.
- Designed modular architecture for easy integration into surveillance, robotics, or traffic monitoring systems.

TECHNICAL SKILL

- Programming Languages:** C/C++, Java, Python
- Database Management:** MongoDB
- Web Development:** React, Tailwindcss, NodeJS, JavaScript (HTML, CSS), XML
- Systems & Tools:** Linux, Windows, Git, Jupyter Notebook, Google Colab
- Problem Solving:** Data Structures & Algorithms (DSA) with C/C++

CERTIFICATES

- React Tutorial - Great Learning
- MongoDB Node Developer Path
- Cybersecurity Essentials - CISCO Networking Academy
- Introduction to Cybersecurity - CISCO Networking Academy

PERSONAL DETAILS

- DOB:** 6 July, 2004
- Address:** H.No. 22A Gyan Lok Colony, Near Awas Vikas 1st, D.M Road, Bulandshahr, Uttar Pradesh - 203001
- Languages:** Hindi, English