

# Ravi Kant Sharma

✉ ravikantsharma635@gmail.com

☎ +91 7004515255

[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#)

## EDUCATION

|                                |           |   |          |
|--------------------------------|-----------|---|----------|
| B. TECH (Software Engineering) | 2020 – 24 | Delhi Technological University, New Delhi | 9.48 GPA |
| AISSCE/CBSE (Class XII)        | 2019      | Hope Hall Foundation School, New Delhi    | 79.8%    |
| AISCE/CBSE (Class X)           | 2017      | Sunshine Prep./ High School, Muzaffarpur  | 10 CGPA  |

## PROJECTS

- GharBar** | [🔗](#) | MongoDB, Express.JS, React.JS, Node.JS, Redux (Oct'22 - Nov'22)
- GharBar is a hotel booking and management website based on the MERN Stack and integrated with Razorpay API for payments. The website uses Redux for state management.
  - The website offers administrative access to manage rooms, bars, bookings, coupons, and gallery. It is deployed using Render and Netlify.
- DTU Hostels** | [🔗](#) | MongoDB, Express.JS, React.JS, Node.JS, Redux (Aug'22 - Oct'22)
- DTU Hostels is a hostel management integrated with Razorpay API for payments.
  - Students can manage all their hostel activities like applications, complaints, mess, fees and notices. Admin can manage all the students, rooms, hostels, applications, upload notices, allotment, and complaints.
- Face Mask Detection Based Door Lock System** | [🔗](#) | Python | Raspberry Pi (Apr'22 - May'22)
- Face Mask Detection uses computer vision to identify a person wearing a mask and then sends a command to the door locking system.
  - OpenCV and TensorFlow are used for face mask detection. Raspberry Pi 4 is used to implement the prototype.

## EXPERIENCE

- USIP-DTU** (Aug'22 - Nov'22)
- Web Development internship in the IQAC (Internal Quality Assurance Cell) Department.
  - Made responsive and user-friendly website such that all the data related to university can be uploaded and easily accessible from that website.

## ACADEMIC ACHIEVEMENTS

- Jumpstart Hackathon** [🔗](#) - Attended Jumpstart'22 after qualifying all rounds of the hackathon organized by Publicis Sapient (**Ranked top 5% among 29,509 participants**).
- National Engineering Olympiad** [🔗](#) – **AIR 55 out of 50,000+** participants from esteemed engineering colleges across India.
- Department Rank **6 out of 167** students in Software Engineering.

## TECHNICAL SKILLS AND CERTIFICATES

|                              |  |
|------------------------------|--|
| <b>Strongest Areas</b>       | Data Structures, Algorithms, Web Development   |
| <b>Programming Languages</b> | C, C++, Python, JavaScript   |
| <b>Database</b>              | MongoDB, MySQL   |
| <b>Libraries/Frameworks</b>  | HTML5, CSS3, React.js, Express.js, Node.js, Git, OpenCV, Webhooks  |
| <b>Certificates</b>          | <a href="#">🔗</a> MERN Stack   <a href="#">🔗</a> Server-Side JavaScript   <a href="#">🔗</a> Python   <a href="#">🔗</a> C++ |

## PUBLICATIONS

- Fabrication Of Smart Mini Thermoelectric Peltier Refrigerator | [🔗](#) | IJAEM, e-ISSN: 2395-5252, Volume:3 / Issue: 7/ July 2021, pp: 2482-2486, Impact Factor – 7.429

## CO-CURRICULAR ACTIVITIES

- Campus Ambassador for National Engineering Olympiad 7.0 organized by NEO Educational Foundation.
- Graphics Designer at Inception Wave DTU.