

RAVI KANT SHARMA

Phone: +91 7004515255

Email: ravikantsharma635@gmail.com

University Roll No.: 2K20/SE/106

[LinkedIn](#) | [Github](#) | [LeetCode](#)

EDUCATION

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|--------------------------------|-------------|---|----------|
| B. TECH (Software Engineering) | 2020 – 2024 | 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

Taskifier | [🔗](#) | MongoDB, Express.JS, React.JS, Node.JS (May'22 - June'22)

- Taskifier is a web-based **authenticated** task manager based on the **MERN Stack**, deployed using Heroku and Netlify.
- Multiple users can log in simultaneously to the user-friendly UI and manage their daily tasks.

Face Mask Detection Based Door Lock System | [🔗](#) | Python (April'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.

Smart Home Assistant | [🔗](#) | C++, Google Assistant SDK (October'21 - November'21)

- Smart Home Assistant is a device that uses voice commands to turn on/off the appliances.
- Used **Google Assistant SDK**, **IFTTT**, **Webhooks** and Blynk for requesting and processing commands.

INTERNSHIP

USIP-DTU (Aug'22 - Oct'22)

- Web Development** internship in the IQAC (Internal Quality Assurance Cell) Department.
- The goal is to make a separate website such that all the data related to university quality can be uploaded and easily accessible from that website.

ACADEMIC ACHIEVEMENTS AND AWARDS

- 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** - Department **Rank 6 out of 167** students with a 9.48 Aggregate GPA.

TECHNNICAL SKILLS

Languages – C, C++, Python, JavaScript | **Databases** – SQL, MongoDB | **HTML, CSS, MERN Stack, Git**

[🔗](#) MERN Stack Certificate | [🔗](#) Python Competency Certificate | [🔗](#) C++ Competency Certificate

PUBLICATIONS

FABRICATION OF SMART MINI THERMOELECTRIC PELTIER REFRIGERATOR | [🔗](#) | International Journal of Advances in Engineering and Management (IJAEM), e-ISSN: 2395-5252, Volume:3 / Issue: 7/ July 2021, pp: 2482-2486, Impact Factor – 7.429

POSITIONS OF RESPONSIBILITY

- Campus Ambassador** | [🔗](#)
Selected for Campus Ambassador Internship Program for **National Engineering Olympiad 7.0** organized by NEO Educational Foundation.