

SOMESH HARSULE

205121092.somesh.harsule@gmail.com | [LinkedIn](#) | [Github](#) | [Portfolio](#) | Contact: +91-9752970628



Education

National Institute of Technology, Tiruchirappalli Master of Computer Applications, MCA: CGPA: 7.41*	2021-2024
Government Holkar Science College, Indore, Madhya Pradesh Bachelor of Science (B.Sc.) Computer Science Percentage: 66.79%	2017-2020
Saraswati Vidhya Mandir Higher Secondary School, Dhar, Madhya Pradesh Higher Secondary, Class XII, Percentage: 82.80% Secondary, Class X, Percentage: 89.17%	2015-2017 2015

Skills

- Languages: C, C++, Python, Core Java, HTML/CSS, JavaScript, SQL.
- Technologies/Frameworks: Linux, GitHub, MondoDB, MySQL, ExpressJS, ReactJS, Bootstrap, Docker, Figma, Django, Flask, SQLite.
- Developer Tools: Jupyter Notebook, VSCode, MySQL Workbench, Anaconda, Apache, Cisco Packet Tracer, Wireshark, FileZilla, IntelliJ IDEA, Bacula, Microsoft Azure, Power BI.
- Coursework: Database Management System, Operating System, Computer Network, Object-oriented Programming in C++.
- Coding Platforms: [LeetCode](#), [GeeksforGeeks](#), [CodingNinjas](#), [Hackerrank](#).

Project Work

- ❖ **[R&C Dean \(NIT TRICHY\):](#)** Mar 2023-Jan 2024
 - Developed an **intranet** application utilizing **React JS, Express JS, and MySQL** to streamline the secure transfer of confidential files for the dean and faculty at NIT Trichy.
 - Established and standardized a feature-rich intranet system for the institute, enabling over 200+ faculty and dean to upload, track, and access project files with ease.
 - Reduced manual efforts in file management by 60%, streamlining operations and increasing productivity across the institute.
- ❖ **[CPC Exam Portal:](#)** Jan 2023-Mar 2023
 - Implemented a user-friendly software for NIT Trichy CPC Exam Portal using **Django, SQLite** backend, and **HTML, CSS, JavaScript** frontend.
 - Designed a secure authentication system interface for exam portal, reducing navigation time by 40% and improving access for faculty and students. Portal ensuring data privacy and integrity for over 10,000 users.
- ❖ **[Facial Key points Detection:](#)** Aug 2022-Jan 2023
 - Constructed and trained a deep learning model based on Convolutional Neural Networks (CNNs) and Residual blocks to detect 68 facial key points on 5000 images.
 - Achieved a mean squared error of 0.01 on the test set and demonstrated the potential applications of the model for facial recognition and medical diagnosis.
- ❖ **[CO-OLX:](#)** Mar 2022-Jul 2022
 - Created the application with the **Flask** framework of Python, utilizing **SQLite** as the database backend.
 - Collaborated with a team of five students to develop an online platform for campus commerce, using webmail authentication to ensure security and reliability.
 - Enabled students to buy or sell used products conveniently and efficiently, increasing user satisfaction and engagement by 35%.

Achievements and Certifications

- IN CN Studio Weekly Contest 110 got 66th rank and achieved a place among the top 2-5%.
- I have the "**Knight**" badge on Leetcode, which places me in the **Top 5% (Rating 1868)** of contest ratings and solved over 1000+ problems over global coding platforms and participated in 70+ global coding contests.
- Earned the **1st** distinction in Agamya at **Technofania'2022**, a prestigious competition hosted by the OSOC Club at NIT Trichy.
- Attained the top-ranking position in "**Call Yourself Creative**" at **Technofania'2022**, organized by the OSOC Club at NIT Trichy.
- Achieved recognition under the **Chief Minister's Scheme** for exceptional performance in Class XII [2017], awarded a cash prize of Rs. **25000** for academic excellence and dedication to studies.
- [SQL \(Advanced\)](#), [Internship Program In ML](#), [Power BI\(Basic\)](#).

Position of Responsibility

- ❖ **Central Coordinator Committee, Version'23:** Feb 2023 – Jan 2024
 - Key member, Central Coordinator for Version'23, NIT Trichy's premier techno-management festival.
 - Managed the committee for printing and publishing., ensured seamless execution, communicated technical initiatives to 26-member team, delivered high-quality experience to 500+ attendees.
- ❖ **Head of Editing Team, AAYAAM – THE HINDI CELL OF NITT:** Mar 2023 – Present
 - Led editing team, crafted logos/videos, enhanced NIT Trichy events' visual identity, driving 30% engagement boost, lauded for precision-driven creativity.
- ❖ **Member of ACM Student Chapter (NIT Trichy):** Oct 2022 – Present
 - Guided Acumen'22 success at NIT Trichy as an active member of the ACM Student Chapter, promoting innovation and providing a memorable experience for attendees.

Extra-Curricular Activities

- Designed and maintained the website for the Prakruti Club (NIT Trichy), a student-led organization dedicated to the care of animals and plants, showcasing their activities and achievements to over 500+ visitors per month.