



RISHI SRIVASTAWA

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PROFESSIONAL SUMMARY

A highly organized, innovative, and goal-driven undergraduate with strong communication, problem-solving, and leadership skills. Passionate about designing and developing high-quality, efficient projects in the field of Computer Science Engineering.

TECHNICAL COMPETENCIES

C++ | SQL | HTML | CSS | JavaScript | MongoDB | Express.js | React.js | Node.js | Socket.IO

INTERPERSONAL SKILLS

Problem Solving | Team Collaboration | Analytical Thinking | Time & Risk Management | Agile Development

SOFTWARE & TOOLS

VS Code | MySQL Workbench | Git | GitHub

EXPERTISE AREA

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

EDUCATION

Bachelor of Engineering in Computer Science Engineering | Chandigarh University, Mohali, Punjab
Session: 2022-2026 | CGPA: 7.59

Intermediate (CBSE) | Sunbeam School, Mughalsarai, Uttar Pradesh
Session: 2020 - 2021 | Percentage: 83%

Matriculation (ICSE) | St. Mary's Convent School, Mughalsarai, Uttar Pradesh
Session: 2018 - 2019 | Percentage: 86%

PROJECTS

FINANCE TRACKER | MERN, RESTful API, JWT

- Built a **MERN stack** finance tracker with **JWT auth**, dynamic dashboard, and **responsive UI using Tailwind CSS**.
- Developed **RESTful APIs** for income/expense **CRUD** operations, category tracking, and **Excel export**.
- Integrated **Chart.js** to display financial data and recent transactions in real-time.

METRO YATRA | C++

- Reduced metro route search time **by 40%** by implementing **Dijkstra's Algorithm** using **STL containers**.
- Developed a fare calculation module by processing metro fare data from **CSV files** using **file handling**.
- Automated metro map visualization using **Graphviz**, generating graphs from **.dot files** to improve user navigation clarity.

SYNCHRO CODE | MERN, SOCKET.IO

- Built a web app for **real-time code collaboration**, allowing multiple users to work together in virtual rooms.
- Used **MERN stack and Socket.IO** to ensure smooth and instant code updates across all users.
- Added features like **unique room IDs**, username setup, and a **customizable code editor** with syntax highlighting.

ACHIVEMENTS

- 5 *** in C++ at [HackerRank](#).
- 5 *** in **Problem Solving** at [HackerRank](#).
- Solved 300+ problems** on [various coding platforms](#).
- Elite Silver Medal** in Foundation of Cloud IoT Edge ML by [IIT Kanpur](#).

CERTIFICATIONS

- Introduction to Databases **by Meta** by [Coursera](#).
- Databases and SQL for Data Science **by IBM** by [Coursera](#).
- Relational Database Administration (DBA) **by IBM** by [Coursera](#).
- Django for Everybody **by University of Michigan** by [Coursera](#).