

Rida jahan

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GitHub Profile
LinkedIn Profile
LeetCode Profile

EDUCATION

- Shri Ram Institute Of Science and Technology Jabalpur,MP, India** Oct 2022 - May 2026
B.Tech in Computer Science and Engineering CGPA: 7.80
- Husainia Girls School Jabalpur** June 2020 - June 2022
Madhya Pradesh Board of Secondary Education, Mp Percentage: 75%

EXPERIENCE

- KrishiVerse** March 2025 - May 2025
Web Developer Intern Jabalpur, India
– Integrated RESTful APIs using Node.js and Express, reducing latency by 28% and improving server response times.
– Built interactive UI components with React, HTML, and CSS, increasing load efficiency by 32% and boosting engagement by 21%.

PROJECTS

- ACHIEVO – Productivity Maximization** June 2025
Developed a Pomodoro timer and To-Do application to improve user focus.
– Tech Stack: HTML, CSS, JavaScript
- QuickCrave – Online Food Ordering System** July 2025
Developed a responsive food ordering web application with secure user authentication and real-time cart management.
– Tech Stack: Built using the MERN stack – MongoDB, Express.js, React.js, Node.js – with authentication and RESTful APIs
- CityPulse – AI-Based Real Time Based Air Pollution and Traffic Prediction** May 2025
Build a real-time AI platform for traffic and pollution insights; secured Top 10 at SRIT Hackathon 2025.
– Tech Stack: React.js, Node.js, Express.js, MongoDB, OpenWeatherMap API, Google Maps API,
- Autonomous Self-Driving Car** June 2025
Built a simulation-based self-driving car that uses computer vision to detect lanes and maintain path alignment.
– Tech Stack: Python, TensorFlow, OpenCV, NumPy, Matplotlib, Flask,Socket.IO (eventlet) for real-time control
- Smart Phone Book – Terminal-Based Contact Manager** November 2024
Designed a command-line C++ application to manage contact records efficiently.
– Tech Stack: C++, File Handling, Linked List, OOP Concepts

ACHIEVEMENTS

- Top 10 – SRIT Hackathon 2025** May 2025
Led a 4-member team to build an AI-based mobility dashboard; ranked Top 10 among 100+ teams.
- Google Girl Hackathon** Mar 2025
Selected among top female tech talents across India; solved real-world ML problems during national round.
- LeetCode 400+ DSA Problems Solved** Feb 2024 – Present
Solved 400+ problems across arrays, graphs, DP, and system design; maintained high global rank.
- Infosys Springboard Pragati (Cohort 3)** Oct 2024 – Mar 2025
Completed certifications in Python, AI, and Soft Skills under a national mentorship program.

SKILLS SUMMARY

Languages: Java, C++, JavaScript, SQL, Python
Web Technologies: HTML, CSS, React.js, Node.js, Express.js, TailwindCSS
Databases: MySQL, MongoDB, Firebase
Machine Learning: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, OpenCV
CS Fundamentals: Operating Systems, DBMS, Data Structures, System Design, Theory of Computation
Tools: Git, Jupyter, Anaconda, Streamlit, LaTeX, VS Code, Power BI
Soft Skills: Problem-Solving, Leadership, Self-Learner , Adaptability, Project Management

EXTRACURRICULARS

- WWT ALWOH 2025 – National Hackathon Participant** July 2025
Participated in Women Who Tech's national-level hackathon focused on AI and innovation. Built a prototype for social good using machine learning, collaborating in a team of 4.
- Meesho ScriptedByHer 2025 – National Shortlist** June 2025
Shortlisted for Meesho's all-women national hackathon celebrating coding excellence. Promoted diversity, innovation, and women's leadership in tech.