

Shivam Kumar

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SKILLS SUMMARY

- Languages:** Python, C, C++, Java
- Frameworks:** HTML and CSS
- Tools/Platforms:** MySQL, Excel, Power BI, Predictive Analytics, DSA
- Backend:** MERN Stack, Express.js, Multiplayer Networking
- Soft Skills:** Leadership, Problem-Solving, Communication, Adaptability

PROJECTS

Recommend Vocational Course Based on Regional Employment Data | [GITHUB](#) Aug 2025

- Built a content-based recommender using job-role skills and regional employment data (29 states)
- Generated a 20k synthetic job-market dataset with Faker + Pandas for demand and salary modelling.
- Used TF-IDF and Cosine Similarity for course ranking; deployed via Streamlit UI and Fast API backend.

Cosmic Mystic Map | [GITHUB](#) Jul 2025

- Developed an interactive web map visualizing cosmic/mystic data with smooth UI animations.
- Integrated mapping libraries and dynamic data loading for real-time exploration.
- Designed a clean, responsive interface for intuitive navigation across datasets

Calculator App | [GITHUB](#) August 2025

- Created a functional calculator supporting basic arithmetic operations with a clean, responsive UI.
- Implemented real-time expression handling for smooth and accurate calculations.
- Designed a lightweight, user-friendly interface optimized for both desktop and mobile use.

TRAINING

Mastering JAVA for Application Development | [Certificate](#) Jun 2025

- Completed a 50-hour training in core and advanced Java for application development.
- Gained hands-on experience in OOP, Java APIs, and practical application building.
- Earned an "A" grade, demonstrating strong performance.

CERTIFICATES

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| • AI and Machine Learning Using Python IIT Mandi | Apr 2024 |
| • Generative AI & LLM Infosys Springboard | Aug 2025 |
| • SQL (Advanced) HackerRank | Sep 2025 |

ACHIEVEMENT

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| • Reached the final round of the <i>Paranox2.0 Hackathon</i> among top-performing teams NTIDM | Sep 2025 |
| • Solved 200+ Coding Questions on LeetCode, GFG, Code Studio | May 2025 |
| • Attended 48-hours workshop on Python in IIT MANDI | Apr 2024 |

EDUCATION

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| • Lovely Professional University
Bachelor of Technology - Computer Science and Engineering
CGPA: 7.3 | Punjab, India
Aug 2023-present |
| • Radiant International School
Intermediate - PCM
Percentage: 81.4%
Matriculation:
Percentage: 78% | Patna, Bihar
Apr 2019 – Mar 2021
May 2018 - Apr 2019 |