

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
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- 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 Stream lit UI and Fast API backend.

Cosmic Mystic Map GITHUB	Jul 2025
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- 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
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- 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
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- 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

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

ACHIEVEMENT

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

EDUCATION

• 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 - Apr2019