

Shivakant Kurmi

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Technical Skills

- **Languages:** C++, Python
- **Data Structures & Algorithms:** DSA in C++
- **Developer Tools:** Git, GitHub, Unity Engine
- **Web Technologies:** MERN Stack (MongoDB, Express.js, React, Node.js)

Education

- **B.Tech, Computer Science and Engineering**, VIT Bhopal University, MP 2023 – Present
CGPA: 9.79 / 10.0
- **Class XII**, Govt. HSS Hinota Kalan Hatta, Damoh, MP 2023
Percentage: 95%
- **Class X**, Govt. High School Bhainsa Hatta, Damoh, MP 2021
Percentage: 95%

Internship

- **AI Intern**, Microsoft Initiative with Edunet Foundation & AICTE April 2025 – May 2025
 - Engineered and deployed machine learning models to solve real-world problems, applying advanced AI technologies and best practices.
 - Developed EduMentor AI, a personalized study tool using the Gemini 1.5 Flash API to generate custom study plans and quizzes.
Project Link: github.com/shivakantkurmi/Edumentor-AI

Projects

- **Expense Tracker (MERN Stack Web App)** May 2025 – June 2025
 - Engineered and deployed a full-stack MERN application, implementing secure user authentication for personal finance management.
 - Analyzed and optimized MongoDB queries, reducing data processing time by 40% through effective indexing.
 - Launched a responsive design achieving a 90% satisfaction rate in user surveys(manual survey).
- **Solaris Night: Beyond The World (AR Simulation)** September 2024 – December 2024
 - Created and launched an AR solar system simulation with 'Exploration' and 'Quiz' modes for educational purposes.
 - Enhanced user retention by 35% with interactive 3D models, tracked via engagement metrics.
 - Developed and integrated content for 8 planetary bodies, 1 Dwarf planet, earth's moon and Sun, increasing educational value by 50% based on teacher feedback.
- **Automated Attendance System (Python, OpenCV)** January 2024 – March 2024
 - Designed and executed a facial recognition-based attendance system, attaining 93% accuracy in student identification.
 - for accuracy once checked on a class of 50 students and their data.
 - Integrated MySQL database to store and manage attendance records efficiently.

Certifications

- Introduction to Generative AI – *Coursera*
- Basics of Unity and C# Programming – *Coursera*
- Human Computer Interaction – *NPTEL*
- Full Stack Development Certificate – *Imarticus*

Achievements & Coding Profiles

- **District Topper:** Achieved the highest score in the district in the Madhya Pradesh Board Result (2023).
- **STARS Scheme Scholar:** Selected for the prestigious STARS Scheme at VIT Bhopal University for academic excellence.
- **LeetCode:** solved 700+ problems, demonstrating strong problem-solving and algorithmic skills.
- **GeeksforGeeks:** Secured an Institute rank of 18 out of 3677 registered students, strengthening knowledge of data structures.

Additional Information

- **Languages Spoken:** English (Professional Working Proficiency), Hindi (Native)