

Shivakant Kurmi

Email: shivakantkurmi49@gmail.com | Phone: +91 7067103207
LinkedIn: linkedin.com/in/shivakant-kurmi-15339428a | GitHub: github.com/shivakantkurmi

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

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

Internship

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|---|-----------------------|
| • 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

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|---|---------------------------------------|
| • Expense Tracker (MERN Stack Web App) | <i>May 2025 – June 2025</i> |
| – 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) | <i>September 2024 – December 2024</i> |
| – 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) | <i>January 2024 – March 2024</i> |
| – 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)