Shivakant Kurmi

Damoh, Madhya Pradesh

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Technical Skills

- **Languages**: C++, Python
- **Core CS**: Data Structures, Algorithms, Object-Oriented Programming, DBMS, Operating Systems
- **Frameworks & Tools**: Unity, Vuforia, Git, GitHub, OpenCV
- **Web**: MERN Stack (MongoDB, Express.js, React, Node.js)
- **Databases**: MySQL, MongoDB

Education

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

Internship

- **AI Intern**, Microsoft Initiative with Edunet Foundation & AICTE — Apr 2025 – May 2025
  - Built **EduMentor AI** using the Gemini 1.5 Flash API for personalized study plans and automated quiz generation.
    Project: github.com/shivakantkurmi/Edumentor-AI
  - Selected for a national 4-week internship as part of a Microsoft & AICTE initiative in collaboration with Edunet Foundation.

Projects

- **Expense Tracker (MERN Stack)** — May 2025 – Jun 2025
  - Developed a secure full-stack application with JWT-based authentication and REST APIs.
  - Optimized MongoDB queries using indexing, reducing query latency by 40%.
- **Solaris Night: Beyond The World (AR Simulation)** — Sep 2024 – Dec 2024
  - Built a real-time AR solar system simulation using Unity and Vuforia with time-scale control.
  - Implemented interactive 3D models of 10 celestial bodies with orbital motion and a quiz-based learning mode.
  - Deployed for classroom demonstrations and academic evaluation.
- **Automated Attendance System (Python, OpenCV)** — Jan 2024 – Mar 2024
  - Implemented a face recognition pipeline using OpenCV and Haar cascades.
  - Evaluated on a dataset of 50 students, achieving 93% recognition accuracy.
  - Integrated a MySQL backend for automated attendance logging.

Achievements & Coding Profiles

- **District Topper**: Achieved the highest score in the district in the Madhya Pradesh Board Examination (2023).
- **STARS Scheme Scholar**: Selected for the 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.

Certifications

- Introduction to Generative AI – Coursera
- Basics of Unity and C# Programming – Coursera
- Human Computer Interaction – NPTEL (Elite + Gold)
- Full Stack Development – Imarticus

Additional Information

- Languages: English (Professional), Hindi (Native)