Shivakant Kurmi

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Technical Skills

- **Languages**: C++, Python, C#, C, Java
- **Data Structures Algorithms**: Proficient in C++ implementation of core DSA concepts.
- **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: 9.82 / 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.
  - Collaborated in an agile team to design, develop, and optimize AI-driven solutions, contributing to enhanced project outcomes and efficiency.
  - 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

- **Survival Arena: Cyborg Showdown (Unity Game)**
  - Developed a first-person shooter in Unity featuring dynamic enemy AI, a comprehensive health/weapon system, and NavMesh-based pathfinding to create an engaging survival experience.
- **Expense Tracker (MERN Stack Web App)**
  - Engineered a full-stack MERN application for personal finance management, implementing secure user authentication and visualizing data with Chart.js to provide actionable insights into spending habits.
- **Automated Attendance System (Python, OpenCV)**
  - Designed and implemented a facial recognition-based attendance system using Python, OpenCV, and Pandas, achieving 93% accuracy in identifying and logging student presence.
- **Solaris Night: Beyond The World (AR Simulation)**
  - Created an Augmented Reality (AR) solar system simulation with distinct 'Exploration' and 'Quiz' modes to deliver an interactive and educational astronomical experience.

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 500+ problems, demonstrating strong problem-solving and algorithmic skills.
- **GeeksforGeeks**: Solved 400+ problems, strengthening knowledge of data structures.

Additional Information

- **Languages Spoken**: English (Professional Working Proficiency), Hindi (Native)
- **Interests**: Reading Indian mythological books