SAMI KHAN
STUDENT

Contact

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About Me

Currently a 3nd-year B-Tech CSE Core student with a passion for AI, Data Science, and Research. Seeking opportunities to apply technical expertise in real-world projects. Eager to contribute to cutting-edge projects, collaborate with like-minded individuals, and gain hands-on experience to drive impactful solutions.

Technical Skills

- Programming Languages: C, C++, Python, Java
- Frontend Web Development: HTML, CSS, JavaScript
- Machine Learning: YOLO Integration, OpenCV
- Algorithms & Data Structures: Sorting Algorithms, Data Structures
- Libraries & Frameworks: OpenCV, NumPy, Pandas

Soft-Skills

- Problem-solving & Analytical Thinking
- Team Collaboration
- Adaptability & Quick Learning

Education

- **B-Tech in Computer Science and Technology**
  Vellore Institute of Technology, Bhopal Campus, Sehore
  2023-Ongoing   CGPA: 8.09 till 4th sem overall

- **Senior Secondary (XII) - 2022**
  Gyan Sthali Residential School, Karwa Khera, Etawah
  Percentage: 80.2%

- **Secondary (X) - 2020**
  Gyan Sthali Residential School, Karwa Khera, Etawah
  Percentage: 88.5%

Projects

- **Buzz n' Play (HTML, CSS, JavaScript)**
  - Designed an interactive gaming site inspired by bees, featuring fun games and hidden bee facts.
  - Includes 12 mini retro games embedded within modern bee-shaped flyouts

- **Background Remover (HTML)**
  - Developed an API for background removal to enhance image processing capabilities.
  - Enables easy image extraction at no cost.

- **Footfall Tracker – With Heat Density Graph (YOLO Model, OpenCV, Pandas)**
  - Uses YOLO model training, OpenCV, and Pandas to detect and count people in a given area.
  - Displays analytics and real-time heatmaps on a locally hosted HTML page.

- **Smart Attendance System (OpenCV, Facial-Recognition, NumPy)**
  - Leverages OpenCV and facial recognition to automate attendance tracking.
  - Enhances efficiency with real-time facial identification.

Certificates

- **Frontend Developer Badge - Devfolio**
- **Great Learning:**
  - *C for Beginners Certificate*
  - *Basics of Programming Certificate*
  - *FrontEnd Development (HTML) Certificate*
- **LetsUpgrade:**
  - *HTML and CSS Bootcamp Certificate*
  - *Python Certificate*
- **VitYarthi:**
  - *Fundamentals of AI and ML Certificate*
  - *Python Essentials Certificate*
  - *Programming in Java Certificate*