HARSH KHETAN

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CSE student specializing in AI/ML with a strong interest in Python backend development. Skilled in Django, Flask, and SQL, with growing expertise in Java. Focused on building scalable systems using emerging AI technologies.

EDUCATION

B. Tech CSE-AI&ML| SRM Institute of Science & Technology, Kattankulathur, (Main Campus) — Chennai, India | July 2023-2027
- **Current CGPA –** 9.26

High School Diploma | Allenhouse Public School — Kanpur, India | April 2007-2023
- 10th Percentage – 94.3%
- 12th Percentage – 83%

SKILLS

- **Programming Languages** C, C++, Java, Python, HTML, CSS, OpenCV
- **Libraries/Frameworks** Pandas, NumPy, Matplotlib, Django, Java Swing, JDBC
- **Tools / Platforms** Git, VS Code

EXPERIENCE

Volunteer — November 2024 – November 2024
IEEE GRSS SRM Student Chapter — *Chennai, India*

- Organized logistics and scheduling for a campus hackathon, ensuring smooth event flow.
- Handled participant registration and queries, improving team–mentor communication.
- Coordinated with mentors and judges to ensure timely evaluations and feedback.

SDE Intern — May 2025 - July 2025
EA Technologies USA Inc. — *Noida, India*

- Collaborated with the development team to design, build, and test scalable software solutions.
- Contributed to backend and frontend tasks, writing clean, efficient, and maintainable code
- Gained hands-on experience with real-time client projects, agile workflows, and modern dev tools.

PROJECTS / OPEN SOURCE

- **CryptoPulse:** Developed a live cryptocurrency price tracker using HTML, CSS, and JavaScript, leveraging real-time API integration for dynamic updates. Designed a responsive, user-friendly interface to display live crypto market prices with smooth UI/UX. Implemented asynchronous data fetching and error handling to ensure seamless performance and reliability.(LiveDemo)

- **Automatic Number Plate Recognition (ANPR):** Developed a license plate recognition system using Python, OpenCV, and Tesseract OCR to detect and extract plate numbers from video frames. Integrated a graphical file selection interface and real-time text overlay for improved user interaction. (Link)

- **Hand Gesture Fruit Ninja:** Created a real-time Fruit Ninja simulation using Python, OpenCV, PyAutoGUI, and MediaPipe, enabling gesture-based slicing and clicks via webcam. Using landmark detection and motion tracking for responsive browser interaction. (Link)

CERTIFICATES

- Programming in Java – NPTEL
- Total Python – Udemy
- C++ Programming – Udemy
- Python Essentials 1 – Cisco Netcad
- Intro to Cybersecurity – Cisco Netcad
- Generative AI: Prompt Engineering Basics – Coursera
- DBMS – Scaler