Harshit Kumar

Bhopal, Madhya Pradesh, India

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Education

- **VIT Bhopal University**   **2023 − 2027**
  B.Tech in Computer Science and Engineering   *GPA: 7.3 / 10*
- **Scottish Public School, Katihar, Bihar (CBSE)**   **2022 − 2023**
  Class XII   *GPA: 6.3 / 10*
- **Scottish Public School, Katihar, Bihar (CBSE)**   **2020 − 2021**
  Class X   *GPA: 8.0 / 10*

Technical Skills

Programming: C++, Java, Python, JavaScript

Web Development: HTML5, CSS3, React.js, Node.js, Express.js, REST APIs

Data & ML: Machine Learning, YOLO, OpenCV

Databases: MongoDB, MySQL, SQL, PL/SQL

Cloud & OS: AWS, Google Cloud Platform, Linux

Projects

MoodNest – Smart Mood-Based Nearby Places Finder   **Jan 2025 − Feb 2026**

- Developed a city-based place discovery web application using React, Node.js, Express, and MongoDB, integrating Google Places API with admin-curated recommendations in a unified search system.
- Implemented JWT authentication, favorites system, Google-to-Mongo import (placeId deduplication), and multi-image uploads using Multer with responsive UI and detailed place views.

Progress Portal – Coding Progress and Performance Monitoring   **Apr 2025 − May 2025**

- Developed a centralized platform to monitor coding progress across LeetCode, CodeChef, Codeforces, GeeksforGeeks, and HackerRank.
- Aggregated user data using APIs and scraping techniques, visualizing performance through interactive dashboards.

Sports Vision – Player Fitness and Performance Metrics   **Nov 2024 − Dec 2024**

- Built a real-time player tracking system using YOLO, Kalman Filter, and Deep SORT to analyze on-field movement patterns.
- Derived performance metrics such as movement intensity and coverage to support training optimization and endurance analysis.

Achievements

- Certified Google IT Support Professional
- AWS Certified Cloud Practitioner

Certifications

- **Google:** Google IT Support Professional – 2026
- **Amazon:** AWS Certified Cloud Practitioner – 2025
- **Amazon:** AWS Technical Essentials – 2025
- **ISRO:** IIRS Geodata Processing using Python – 2024
- **NPTEL:** Operating Systems and System Programming – 2024
- **Google:** Bits and Bytes of Computer Networking – 2024
- **Vityarthi:** Python Essentials – 2024