

Shivangi Kumari

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Education

VIT Bhopal University , B.Tech in Computer Science	Sept 2022 – Pursuing
• GPA: 8.69	
DAV Puplic School ,Senior Secondary CBSE	2021
• Percentage:94	
DAV Puplic School ,Secondary School CBSE	2019
• Percentage:95	

Skills

Programming: Java, Python, JavaScript, SQL, HTML, CSS, React.js, Node.js, Express.js, MySQL, MongoDB

Technologies: MySQL, Responsive Web Design, PyTorch, OpenCV, Git/GitHub, Figma (UI/UX)

Projects

Blog Management System

Technologies Used: JavaScript | Node.js | Express.js | MongoDB | EJS | CSS

- Developed a full-stack blog platform with user authentication, post creation, editing, and deletion.
- Integrated an Express.js backend with MongoDB for secure data storage and retrieval.
- Implemented EJS templates and CSS to design a clean, responsive user interface for seamless interaction.

NewsSphere-News Aggregator Web App

Technologies Used: JavaScript | React | NewsAPI | CSS

- Built a responsive web application that integrates NewsAPI to fetch and display real-time news articles.
- Implemented search and category filters (e.g., technology, sports, business) to improve content discovery.
- Optimized frontend performance with reusable React components, reducing page load times by 20%.

Driver Drowsiness Detector

Technologies Used: Python | YOLOv5 | OpenCV | PyTorch | NumPy | Deep Learning

- Developed a real-time Driver Drowsiness Detector using Python, YOLOv5, OpenCV, and PyTorch, achieving 92% accuracy, <5% false positives, and 25+ FPS by integrating Eye Aspect Ratio (EAR) and facial landmark tracking for proactive fatigue detection.

Certifications

Java Foundations Associate :An Oracle University Training (scored 92%)	2025
Cyber Security Analyst :CECSA1IN, provided by IBMCE	2025
SQL (Intermediate) Certificate – HackerRank	2025

Extracurricular Activities

- Placed in the top 15% among 200+ participants in a PixelCraft Labs design sprint, creating a responsive e-commerce prototype in Figma recognized for clarity and user-friendly navigation.

Achievements

- Fundraising Volunteer – Partnered with an NGO in my hometown to raise 50,000 and distribute essential supplies supporting education, healthcare, and women empowerment in underprivileged communities.
- Explored creative fields like digital drawing, journaling and content writing alongside technical learning to balance productivity.