SRISHTI PRAJAPATI

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EDUCATION

Banasthali Vidyapith, Jaipur, Rajasthan　　　　　　　　　　　　　　　　2024 – 2028
Bachelor of Technology in Computer Science　　　　　　　　　　　　　　　*CGPA: 9.20/10*

Ben-Hur Public School, Pilibhit, Uttar Pradesh　　　　　　　　　　　　　　2023
Physics,Chemistry and Mathematics　　　　　　　　　　　　　　　　　　*Percentage: 82*

Little Angels School, Pilibhit, Uttar Pradesh　　　　　　　　　　　　　　2021
High School Education　　　　　　　　　　　　　　　　　　　　　*Percentage: 94.17*

EXPERIENCE

Academic Experience　　　　　　　　　　　　　　　　　　July 2024 – Present
Banasthali Vidyapith　　　　　　　　　　　　　　　　　　　*Jaipur, Rajasthan*

- Implemented core data structures and algorithms in C as part of academic coursework
- Built mini-projects using HTML, CSS, JavaScript for problem-solving and logic building
- Solved DSA problems on platforms like LeetCode/HackerRank to improve algorithmic thinking

Hackathons and Technical Activites　　　　　　　　　　　　　　2024 – Present
Banasthali Vidyapith

- Selected for the internal college round of **Smart India Hackathon (SIH)** after project evaluation
- Secured a position among the **Top 53 teams out of 250+ teams** in **Hack with Rajasthan**
- Collaborated in team-based problem solving to design and prototype technology-driven solutions
- Applied skills in problem analysis, system design, and rapid development under time constraints
- Consistently participate in hackathons and technical events, showcasing problem-solving, teamwork, and rapid-prototyping skills

PROJECTS

Tracelens | *Python, Javascript, HTML, CSS, Docker*　　　　　　　August 2025 – Present

- Developed an open-source OSINT image analysis platform to extract and analyze intelligence from images using Python-based backend services
- Implemented features including metadata extraction, OCR, AI-generated image detection, and perceptual hashing for duplicate image identification
- Integrated reverse image search techniques to help identify image sources and contextual information
- Designed a web-based interface using JavaScript, HTML, and CSS; containerized the application using Docker for deployment

Vision-Based Drone Feed Analysis System | *Ongoing Project*　　　　　　2025 – Present

- Developing a computer vision system to analyze live and recorded drone video feeds
- Implementing intrusion detection and object classification using OpenCV and deep learning models
- Training and evaluating models using TensorFlow/Keras on sample drone and surveillance video datasets
- Designing logic to identify and predict abnormal activity patterns from visual data
- Building a Flask-based backend API to process video frames and serve detection results

TECHNICAL SKILLS

Languages: C/C++ , SQL (MySQL) , Python , JavaScript , HTML/CSS
Frameworks: React (Basic), Streamlit(Basic), Flask, FastAPI
Developer Tools: Git, Github, Docker, Google Cloud Platform, VS Code, Visual Studio
Libraries: Pandas, NumPy, Matplotlib, OpenCV, TensorFlow (Keras)