Pranetra Vyas

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# EDUCATION

**SRM Institute of Science and Technology | Kattankulathur, Tamil Nadu**

**B.Tech in Computer Science | GPA:** 6.12/10.0 **May 2026**

**Relevant Courses:** Operating Systems, Data Structures, Algorithms & Analysis, Database Management System.

# TECHNICAL SKILLS

**Programming Languages:** Python (Intermediate), C/C++ (Intermediate).

**Web Development**: HTML, CSS, JavaScript, React.js, Tailwind CSS, Node.js.

**Tools & Technologies:** Git, GitHub.

# PROJECTS

**CareSync January 25**

* Designed and built a full-stack health tech platform for document storage, doctor dashboard, and emergency access.
* Simulated 3 real-life hospital workflows, including audit trails and access logs.
* Achieved 100% local data encryption with role-based access control. Built to understand HIPAA-like compliance scenarios.

**Fake Currency Detection System May 25**

* System for detecting fake currency notes using image processing and machine learning techniques.
* The Fake-Currency-Detector uses image processing techniques such as Local Binary Patterns (LBP) and Structural Similarity Index (SSIM) to extract features from currency note images. A machine learning model (Random Forest Classifier) is trained on these features to classify notes as real or fake.