Pranjal Babel

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SUMMARY

I am a third-year B.Tech Computer Science student at SRMIST, Kattankulathur, pursuing **Cyber Security** with **9.0 CGPA**. Proficient in **JAVA and Python**, I specialize in **Front-End Development, Design Tools , DSA.**
I have won **optima Hackathon at IIT Kharagpur** and the **Code Ethics Hackathon**, developing an **Video Proctoring Analysis Model** for Cheating Detection. With strong **leadership, teamwork, and problem-solving skills**, I am passionate about **Web Development , Cyber Security, and software development**.

EDUCATION

Bachelor of Technology - Computer Science & Engineering   2022 – 2026
SRM Institute of Science and Technology   Chennai, India
CGPA 9.0

Class 12th : MDS Public School
Percentage: 76%   2022

Class 10th : Birla Shiksha Kendra
Percentage: 78%   2020

PROFESSIONAL EXPERIENCE

Cyber Security Intern   2024 – jan 2025
IIT MADRAS PARVATHAK
- Worked as a Cybersecurity Intern at Digitosec, IITM Pravartak.
- learned cybersecurity tools for vulnerability assessment and penetration testing
  gained hands-on experience with tools for information gathering, scanning, enumeration, and exploitation.

Encrypti V   2023 – 2024
Funded by DEI, SRM
- Contributed to the web development of Encrypti V, an encryption tool , AES-256 with GPU acceleration for file protection
- The project incorporated post-quantum algorithms like Kyber for secure key exchange and Dilithium for digital signatures, ensuring resistance against quantum computing threats.

Younity.in   2022 – 2023
Business Development Internship
- I began my journey at Younity.In as a Team Member in marketing, where I was able to surpass targets at a short period
- Due to my contributions and strong performance, I was promoted to Team Lead.

ACHIEVEMENTS

Winner – Hackathon, IIT KHARAGPUR   March 2025
- Secured **1st place among 500+ teams** in the Hacktank Hackathon.
- Developed an **AI - powered Video Proctoring Analysis Model** for enhanced accuracy to detect Cheating in exams.
- **Won a cash prize of 50k** for the innovative solution, recognized for its accurate analysis and graph representation.
- Leveraged **AI/ML techniques** to improve Cheating outcomes and collaborated with a **diverse team** to design and implement the winning project.

Sustinlyzer360 - First Runner up, Hackathon Jan 2025 - Feb 2025
- Secured the **1st position** among **30+ teams** with "Green Ledger," a blockchain-based solution for tracking carbon credits.   Jan 2025
- Delivered compelling presentations, demonstrating strong **communication and presentation skills** to a jury panel

Project Expo
organized by CTech dept SRMIST
- Ranked in the **top 10 out of 40 teams** at the **Project Expo of the CTech Department** for an **agro-based IoT and software solution**.
- Developed **Farm and Supply**, integrating IoT and software technologies to enhance agricultural supply chain efficiency.   Nov 2023

SKILLS

Languages — Python, Java, OOPs   Mar 2025

Web Development — HTML, CSS, JavaScript, ReactJS, Node.JS, Tailwind CSS, Bootstrap

Design tools — Figma, Adobe , Canva

Version Tools — Git, Docker

CS Core — DSA, OS , CN , DBMS

Soft Skills — Problem-Solving, Teamwork, Communication, Leadership, Technical Discussions, Networking

PROJECTS

Proverifeye: Video Proctoring Analysis System
-Python, OpenCV, AI
• Engineered a real-time video surveillance model using face detection, motion tracking, and alert triggering.
• Designed to monitor cheating behaviors during online examinations

Sustinlyze 360– Carbon Challenge Platform
- React , Node.js ,
• Developed an eco-impact gamification web app with user dashboards, badges, and challenges.
• Built leaderboard-based reward engine using MongoDB aggregation pipelines and Express.js APIs.

CIS Benchmark Automated Auditing Tool
-Python , Powershell, Linux
• Built audit automation scripts for Windows 11 and Ubuntu against CIS Benchmarks.
• Generated Xlsx compliance reports with pass/fail flags and system metadata logging. Achievements.