

Eesha Singh

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EDUCATION

Thapar Institute of Engineering and Technology, Patiala BE Electronics Instrumentation and Control Engineering	2022-2026
SJS Public School, Raebareli Senior Secondary 93%	2021
SJS Public School, Raebareli Secondary School 90.2%	2019

PROJECTS

StreamSync –Live Video Streaming Platform: <ul style="list-style-type: none">Built a scalable streaming platform with authentication and real-time chat.Developed an admin dashboard for managing live streams and videos.Implemented a secure video player with access restrictions.	June 2024- July 2024
Smart Hand Glove: <ul style="list-style-type: none">Created a glove-based assistive device using Arduino & sensors to translate sign language into speech.Integrated a mobile app for real-time sign language processing.Added health monitoring features such as SpO2, heart rate, and step tracking.	Jan 2025-Present
Credit Card Fraud Detection: <ul style="list-style-type: none">Developed a machine learning model using Python, Scikit-Learn achieving 98% accuracy.Integrated the model into a Flask-based web app for real-time fraud detection.	Feb 2025- March 2025

POSITION OF RESPONSIBILITY

Technical Head E-Summit'24 Entrepreneurship Development Cell, TIET As Technical Head for E-Summit '24, led a team to organize a tech summit with 10+ events and 500+ participants, developed the official website using React	Feb 2024
Student Consultative Committee, TIET Actively contributed to discussions and decision-making processes, representing student interests and collaborating with faculty to improve academic and campus policies	Sep 2023- Dec 2024

SKILLS

Technical Skills: React.js, HTML, CSS, Bootstrap, Python, JavaScript, C++, MySQL, GIT, AWS
Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Data Analytics

ACHIEVEMENTS

- Qualified Round-1 of Google Girl Hackathon (2025)
- Merit Scholarship – Awarded by Thapar Institute of Engineering and Technology
- Leet Code: 500+ Problems Solved