

# Sohini Banerjee

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## Career Objective

Dedicated and innovative B.Tech student in Artificial Intelligence and Machine Learning with hands-on experience as a Full Stack Developer. Passionate about developing smart, scalable, and user-centric solutions to real-time issues. Seeking to leverage my technical expertise in backend and frontend development besides my analytical and teamwork skills, in high-intensity projects and internships. Committed to lifelong learning and being part of impactful, ethical technological innovations.

## Education

QUALIFICATION	INSTITUTE	YEAR	GRADE
B.Tech CSE(AI & ML)	Vellore Institute of Technology, Chennai	2024-2028	8.59 cgpa
High School Diploma	Delhi Public School, South Kolkata	2022-2024	91.2%
Middle School Diploma	Vivekananda Mission School, South Kolkata	2009-2022	97.5%

## Technical Skills

- **Programming Languages:** Python, C/C++, Java, JavaScript, Typescript
- **Tools/Frameworks:** Scikit-learn, TensorFlow, Pandas, NumPy
- **Web:** HTML, CSS, React
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub
- **Operating System:** Windows, MacOS, Kali Linux

## Projects

1. **LearnBuddy**– Made in collaboration with a friend, an AI based adaptive learning environment for children with special needs.
2. **Weather Application**– An live weather data and forecast application using API from OpenWeatherApi
3. **LAN-based Chat App** – Developed a simple LAN chat application using socket programming in Python.

## **Achievements & Certifications**

- Completing “Full Stack Machine Learning | Django REST Framework, React” by Rathan Kumar
- Runner-up in College-Level AI Ideathon 2024
- Participated in a Make-a-thon 2024
- Participated in HackHub 2025

## **Extra-Curricular Activities**

- Technical Member in two Technical Clubs
- Completed a Research Article on “System Intrusion Classification and Prediction using Machine Learning and Deep Learning Algorithms