

# Sharanya Chakrabarti

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<https://github.com/sharanyaaahhh>

## Education

<b>Geethanjali College of Engineering and Technology</b> , B. Tech in Computer Science	2022 – 2026
• GPA: 8.75/10	
<b>Excellencia Junior College</b> , Senior Secondary(Science)	2020 – 2022
• Percentage: 96.6%	
<b>Sri Chaitanya High School</b> , Secondary Education	
• Percentage: 93.6%	

## Achievements/Certifications

• Java Programming by ORACLE Academy	May 2024
• Cantilever Labs	May 2024
• AI -ML Virtual Internship	May 2024
• Python Programming	Oct 2023 – Jan 2024
• Python Bootcamp	Oct 2022

## Work Experience

• Google AI-ML Virtual Internship   AI-ML Intern	May 2024
• Cantilever Labs   AI-ML Intern	May 2024
• Indian Institute of Technology, Delhi   AI-ML Intern	May 2025

## Projects

<b>Classification of Anomalies and Batches</b>	2025
• Developed a machine learning pipeline, at IIT Delhi, to classify production batches and detect anomalies using Raman spectra. Achieved 88% accuracy with Random Forest and enhanced interpretability through SHAP analysis	
<b>Kai – Virtual Desktop Assistant</b>	2023-24
• Developed Kai, a Virtual AI Desktop Assistant using AIML at Cantilever Labs, integrating NLP, machine learning, and automation	
<b>Vehicle Parking Management System</b>	2022-23
• Developed a Vehicle Parking Management System using MySQL for efficient vehicle tracking and fee calculation. Implemented database management for real-time slot updates and data retrieval.	

## Skills

- **Programming Languages:** C, Python, Java, R
- **Tools:** MySQL, VS Code, MS-Excel, MS-Word, Google Sheets
- **Web Development:** HTML, CSS, JavaScript
- **Data Analysis:** Data cleaning, Power BI, Data preprocessing
- **AI – ML:** Scikit-learn, XGBoost, Model training, Regression, Classification, Clustering
- **Spoken Languages:** English, Hindi, Bengali