

Sharanya Chakrabarti

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<https://github.com/sharanyaahhh>

Education

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

Classification of Anomalies and Batches	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	
Kai – Virtual Desktop Assistant	2023-24
• Developed Kai, a Virtual AI Desktop Assistant using AIML at Cantilever Labs, integrating NLP, machine learning, and automation	
Vehicle Parking Management System	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