

Education

Techno India University
B.Tech in CSE (AI Specialisation)

Aug, 2022 - July 2025
Kolkata, west Bengal

Dr BC ROY Polytechnic College
(Computer science & technology)

Aug, 2018 - June,2021
Durgapur, west Bengal

DAV Public School

March, 2017 - April,2018
Pandabeshwar, west Bengal

Skills Summary

- **Languages:** Python,SQL
- **Frameworks:** Pandas, Matplotlib, Numpy, OpenCV
- **Tools:** Excel, PowerPoint, MYSQL
- **Platforms:** Jupyter Notebook, Visual Studio Code, Anaconda
- **Soft Skills:** People Management, Excellent communication, event management,Team Lead

Projects

Project: FlexyLock – Smart Car Unlocking System

- Built a Kotlin app for cloud-based car unlocking via WiFi.
- Led app-Arduino integration for secure key validation.
- Implemented auto-reconnect & progress indicator for UX.

Project: Dhruva – Interactive Robot Assistant

- Built a robot assistant with voice interaction and talkback features .
- Added poem recitation, time/date response, and alphabet teaching modules.
- Integrated face detection and hand gesture recognition.
- Developed camera-based interaction system for user engagement.

Certificates

Technothon IoT Exposition (Techno India University, 2024) – Participated and contributed innovative ideas in the field of IoT.

Diversion 2K24 (Institute of Engineering & Management, 2024) – Participated in India's first AI-powered hackathon.

Industrial Training in Android Application Development (Euphoria GenX, 2023) – Completed a training program from June to July 2023.

Introduction to SAP S4HANA Development – Participated in a course from January to June 2024.

Getting Started with Artificial Intelligence (IBM SkillsBuild, 2024) – Earned a certificate on AI fundamentals.