

# ARUNI SHARMA

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## EDUCATION

**Heritage Institute of Technology**

*B.Tech Computer Science and Engineering - CGPA - 8.0*

**2023 – 2027**

*Kolkata, India*

## EXPERIENCE

**Indian Oil Corporation Limited (IOCL)** [🔗](#)

**Jan – Feb 2026**

*Role: AI/ML Intern (Team Lead)*

*Guwahati Refinery*

- Developed an AI-driven refinery energy and safety monitoring system using Python, Pandas, NumPy, and Scikit-learn, integrating industrial data pipelines built with Node.js, Express.js, REST APIs, and React.js dashboards.
- Led the project team by planning tasks, coordinating development, and ensuring timely delivery of a scalable, production-ready solution aligned with real refinery operations.

## PROJECTS

**ShareBite** [🔗](#) | Tools:CSS, React, Python, Django, TypeScript, Vite, PostgreSQL, RESTful API **Aug 2025**

- Built a full-stack food waste management platform (ShareBite) using Django REST Framework, React, TypeScript, and Tailwind CSS.
- Implemented role-based access control for Food Providers, NGOs/Volunteers, Individuals, and Admins with secure JWT authentication.
- Designed a learning-focused herbs encyclopedia highlighting therapeutic uses and natural health benefits.
- Developed dashboard analytics and notification system to provide insights and automate updates for users.
- Optimized database integration using SQLite for development and PostgreSQL for production to ensure scalability.

**Caffetria Food Ordering System** [🔗](#) | CSS, JS, React.js,Node.js,Tailwind CSS

**June 2025**

- Built a web-based cafeteria system for food pre-ordering to ease congestion and streamline operations.
- Implemented real-time menu updates and live order tracking for enhanced UX.
- Integrated Razorpay API for secure online payments and automated email invoices.
- Used Tailwind CSS to develop a modern, responsive UI across all devices.

## TECHNICAL SKILLS

**Languages:** C, Java,Python,JavaScript

**Developer Tools:** Git, GitHub, Linux, Code Blocks, Software Tools, Canva

**Technologies/Frameworks:**Html, CSS Tailwind, ReactJS, NodeJS,MongoDB,Git

## CERTIFICATIONS & ACHIEVEMENTS

- Ranked 25th of 200 teams (top 12%) at **AIGNITE'25** – developed an innovative AI-based solution. [Certificate]
- Completed the **Agnivira Summer 2025 Software Internship Program**, gaining hands-on experience in software development. [Certificate]
- Earned a **Certificate of Completion** for the Cybersecurity Job Simulation at **Deloitte**, gaining practical exposure to real-world security challenges. [Certificate]
- Completed “**Complete Beginner’s Guide to Java in 5 Hours**” course on **Udemy**, gaining Java fundamentals and entrepreneurial insights. [Certificate]

## EXTRACURRICULAR ACTIVITIES

**Completed Google Cloud Arcade Facilitator Program 2025** [🔗](#)

**2024 – 2025**

*Gained hands-on experience with cloud technologies and Google Cloud Platform services.*

**Member of National Service Scheme**

**March 2023 – Present**

*Active Member of NSS-HITK, Heritage Institute of Technology*

*Kolkata, India*