



Shabdagya Jha

+91-74287-15021 shabdagya.jha.ug23@nsut.ac.in
[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [GeeksforGeeks](#)

EDUCATION

Course	College / University	Year	CGPA / %
B.Tech (ECE)	Netaji Subhas University of Technology	2023-2027	8.46
CBSE (Class XII)	Ahlcon International School	2022	94.8
CBSE (Class X)	Ahlcon International School	2020	96.2

PROJECTS

- **Multiplayer Tic Tac Toe Game | Flutter, Node.js, Socket.io, MongoDB** [GitHub](#)
 - Engineered a real time cross platform game with smooth socket based communication and persistent room sessions.
 - Enabled multiplayer matchmaking, live move sync, win/draw detection and score tracking.
 - Designed a responsive Flutter UI with animations, while backend ensured flawless state management.
- **Shop App | Flutter, Dart, Firebase (Auth Firestore)** [GitHub](#)
 - Developed a sleek e-commerce app with product browsing, brand filtering, cart management, and search functionality.
 - Integrated Firebase Authentication and Firestore for secure login and real-time product/cart data handling.
 - Enabled product management with full CRUD operations and a responsive, modern Flutter UI.
- **Recipe App | Kotlin, Android, REST API** [GitHub](#)
 - Built a recipe discovery app with Kotlin, integrating a REST API to fetch and display categorized, image-rich recipes.
 - Designed a responsive UI with smooth navigation, search functionality, and reliable data handling.

EXPERIENCE & LEADERSHIP

- **Co-Founder | SATVA Startup**
 - Led product design using spent coffee grounds and rice husk reduced raw material cost by 40%.
 - Built Shopify storefront achieving 15K+ monthly visits and 20% sales growth.
 - Executed growth and monetization strategies that led to 1,00,000 revenue in the initial 3 months of startup launch.
- **Head Of Research | Chief R&D | Enactus NSUT**
 - Co-led Project Urja: developed hybrid solar-wind turbine model, increasing energy efficiency by 20%.
 - Eliminated intermediaries to increase transparency and significantly boost farmers' profit margins.
 - Secured Rank 4 in Enactus Nationals among 100 colleges all over India.

RELEVANT COURSE WORK

- Computer programming, Data structures and algorithms, Design thinking, Probability theory and random process, Mathematics for communication & signal processing, Microprocessor Architecture.

SKILLS

- **Languages:** C++, Python, Dart, Kotlin
- **Mobile Development:** Android, Flutter
- **Backend & Databases:** Node.js, Express.js, MongoDB, Firebase
- **Tools & Libraries:** Git, Postman, REST APIs, Socket.IO
- **Problem Solving:** Data Structures & Algorithms , Solved over 230+ problems on different platforms.