

Subhasmita Swain

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in [LinkedIn](#) [GitHub](#) [LeetCode](#) [Portfolio](#)

EDUCATION

- **B.Tech in Computer Science Engineering (MAC), Netaji Subhas University of Technology** 2022–2026
CGPA: 7.03
- **CBSE (Class XII), Kendriya Vidyalaya** 2022
Percentage: 91%
- **CBSE (Class X), Kendriya Vidyalaya** 2020
Percentage: 93.4%

INTERNSHIP

- **Technical Intern | National e-Governance Division (NeGD), MeitY, Delhi** June 2025 – July 2025
 - Built and designed Agentic RAG Chatbots for the Poshan Tracker under MyScheme by integrating LLMs, Vector Databases, and Agents.
 - Redesigned legacy government portals for clearer navigation and accessibility, improving consistency across high-traffic citizen pages.

PROJECTS

- **RAGChatbot – Context-Aware PDF Q&A Assistant** ([Link](#)) [GitHub](#)
 - Built a **RAG pipeline** by embedding PDF documents using **HuggingFace multi-qa-MiniLM-L6-cos-v1** and storing vectors in **ChromaDB** for semantic search.
 - Developed a **Streamlit GUI** enabling real-time file uploads and interactive Q&A with chat history.
 - Integrated **LLM** to generate **context-aware, source-grounded answers** from top-n retrieved chunks.
 - Implemented **document hashing, chunking, and state management** to avoid redundant ingestion and ensure fast retrieval.
- **PrepGen – GenAI Mock Interview Platform** ([Link](#)) [GitHub](#)
 - Built an AI-powered platform that conducts mock interviews with real-time questions, feedback, and scoring.
 - Designed it to simulate realistic interview settings using mic, camera, and role-specific question sets.
 - Tested with over 50 users to ensure smooth user experience and accurate performance feedback.

ACHIEVEMENTS

- **Myntra HackerRamp** – Ranked in the **top 1% out of 30,000+** participants nationally.
- **Codeforces** – Achieved Global Rank **6741/36k+** in Round 1025.
- **Runner-up** at **Hive DTU Hackathon** and Finalist at **NSUTHack**, **SRMHack**, recognized for innovative full-stack and AI-driven project solutions.
- **LeetCode Weekly Contest 158** – Achieved **Global Rank 1428**
- **HackOn Amazon** – Qualified in the **Top 1860 out of 14,971 teams** with a full-stack problem-solving demo.
- **ICPC** -achieved a **Global Rank of 167** in icpc women coding competition

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, SQL
- **Frameworks / Technologies:** React.js, Next.js, Flask, PyTorch, Machine Learning
- **Tools & Platforms:** Git, GitHub, Docker, Power BI, MySQL, Jupyter Notebook
- **Soft Skills:** Leadership, Teamwork, Event Management, Writing, Public Speaking