

# Hriday Bardhan

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in LinkedIn — 🌐 GitHub — 📁 Portfolio

## Profile

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A dedicated Full-Stack Web Developer and Computer Science student with expertise in Python, JavaScript, and C++. Skilled in building scalable web applications, developing RESTful APIs, and managing databases. Focused on clean, efficient code and performance optimization. Passionate about delivering innovative, real-world solutions through full-stack development.

## Education

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- **Techno College of Engineering, Agartala** 2023 – 2027  
CGPA: 8.4 (as of 2nd semester)
- **Bhavan's Tripura Vidyamandir, Tripura** 2013 – 2022  
Class 10th: 89.6%  
Class 12th: 82.2%

## Experience

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- **Student Coordinator, Training and Placement Cell, TCEA** 2024 – Present
  - Assisted in organizing placement drives and student training programs.
  - Collaborated with corporate teams to enhance student-industry interaction.
- **Android Development Trainee, NIELIT Agartala** 2023 – Present
  - Built an Android **Weather App** with real-time updates, APIs, and location-based data.

## Skills

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- **Programming Languages:** Python, C++, Java, Kotlin
- **Databases:** SQLite, MySQL
- **Frontend Development:** HTML, CSS, JavaScript, React
- **Backend Development:** Fastapi
- **Soft Skills:** Problem Solving, Communication, Teamwork, Adaptability
- **Developer Tools:** Visual Studio Code, Android Studio, Git/GitHub, Postman

## Projects

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- **FlowSync (React, Tailwind, Recharts):**
  - A fully functional task automation frontend website.
  - Includes features like Sign In, Sign Up, Admin Login, and a Dashboard with data visualization.
- **Portfolio Website (React, Tailwind):**
  - A personal portfolio website showcasing projects, technical skills, and contact details.
  - Designed with a clean Glassmorphism UI for a modern look.
- **Medicine Management System (FastAPI, SQLAlchemy):**
  - A fully functional backend system to manage medicines, orders, and stocks.
  - Includes interconnected models with data validation, and automatic stock updates upon order creation/deletion.
- **File Encoder-Decoder (Python):**
  - Created a file encoder-decoder system using Huffman encoding for file compression.
  - Focused on performance and compression efficiency.

## Accomplishments

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- Secured 1st Position in **CODESTORM 1.0** (Intra-college coding competition)
- Participated in **CODE Xtreme** competition
- Organised **HackVortex** and **IntellixAI - The Ideathon** competition as GDSC Core Member

## Certifications

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- **Generative AI for Everyone**, DeepLearning.AI
- **Certified Android Development Trainee**, NIELIT Agartala