

Hriday Bardhan

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in LinkedIn — 🌐 GitHub — 📁 Portfolio

Profile

Aspiring Computer Science Engineer with expertise in Python programming, Android development, and web development. Experienced in building terminal-based projects, creating scalable code, and utilizing APIs and databases. Proficient in tools like Android Studio and Visual Studio Code. Passionate about solving real-world problems and currently focused on full-stack development, aiming to deliver impactful and innovative solutions.

Education

- **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

- **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

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

Projects

- **Snake Game (Python):**
 - Built a Snake game with power-ups and level progression using Python and Tkinter using arrays.
- **File Encoder-Decoder (Python):**
 - Created a file encoder-decoder system using Huffman encoding for file compression.
 - Focused on performance and compression efficiency.
- **Weather App (Android):**
 - Developed an Android weather app with real-time updates via an external API.
 - Added features like location-based data and severe weather alerts.

Accomplishments

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

Certifications

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