

Anirban Pal

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Education

- 2020 – 2024 **B.Tech, Techno International New Town**
8.56 CGPA in Computer Science Engineering
- 2018 – 2020 **Higher Secondary Examination, Basirhat High School**
80.50% in Science Stream
- 2012 – 2018 **Secondary Examination, Basirhat High School**
78.57% in Secondary Examination

Projects

IOT Based On-Cloud Accident Detection and Reverse Geocoding Equipped Reporting System
(DOI:10.1109/ICSC60394.2023.10441055).

- **IoT Devices:** Detect accidents and send data to the cloud.
- **Cloud:** Processes the incoming data and stores it in Firebase.
- **Mobile Application (Flutter):** Provides a user interface for accident reporting and data viewing.
- **Reverse Geocoding:** Converts the geographical coordinates into a human-readable address, which is then included in the accident report.

AI-Enhanced Diagnosis of Autism Spectrum Disorder Using Support Vector Classifier: A Data-Driven Approach (Final Year Project)

- **Python:** Used for implementing the SVC model and data preprocessing.
- **Firebase:** A cloud-based database solution for storing and retrieving patient data securely.

Dynamic V2V Network: Advancing V2V Safety with Distance, Speed, Emergency Priority, SOS, and Accident Preemption (DOI:10.1109/ICCCNT61001.2024.10724433).

- **IoT:** Internet of Things (IoT) is utilized for connecting vehicles, enabling real-time data sharing and communication between the vehicles.
- **Python:** Python is employed for implementing machine learning models, data preprocessing, and network analysis.
- **Firebase:** Firebase is used as the cloud-based database solution for storing and retrieving vehicle and network data securely.

A Responsive Website About Natural Farming (<https://natural-farming-info.web.app/>)

- **HTML, CSS:** For the website's structure and styling.
- **JavaScript:** For dynamic features and user interactions.
- **Firebase:** For database management and hosting.

Skills

Coding	📌	Python, Java, C, SQL
Databases	📌	MySQL, Firebase
Web Dev	📌	HTML, CSS, Django, JavaScript
Cloud	📌	AWS (Basic)
Cyber Security	📌	Kali Linux

CERTIFICATION

Python	📌	Hacker Rank
Java	📌	Hacker Rank
Cyber Security	📌	College

Achievement

3rd position in SIH(2022) in college level

LANGUAGES

- English
- Bengali
- Hindi