

Pranay Shah

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EDUCATION

Bachelor of Technology (CSE), KIIT DU, Bhubaneswar 9.5/10 CGPA	2021-2025
12 th Science, St. Xavier's College, Kathmandu, Nepal, 3.75/4 CGPA.	2018-2020
10 th NEB, Green Lawns Academy, Kathmandu, Nepal, 3.95/4 CGPA.	2018

PERSONAL PROJECTS

Deep Learning:

- **Waste Classification:**
 - Developed a deep learning-based model for classifying waste into four different categories (recyclable, non-recyclable, organic and hazardous)
 - Leveraged TensorFlow library for building and training a CNN model.

App Development (Flutter)

- **“World Time Clock”:**
 - Developed a cross-platform mobile application that displays the current time for multiple cities around the world.
 - Leveraged **Flutter** to ensure a consistent user experience across iOS and Android devices.
 - Implemented features like time zone selection, location-based time detection, and a user-friendly interface for adding and managing cities.
- **“Whoot”:**
 - Developed a fun and interactive cross-platform social media application that allows users to answer several 'Who's More Likely' questions.
 - Leveraged **Flutter** for a seamless user experience across iOS and Android devices.
 - Utilized **Firebase** for secure user authentication, real-time database storage, and cloud functions.

Game Development (Unity)

- **“Switch Square”:**
 - Implemented game mechanics such as player controls, obstacle generation, scoring system, collision detection, object physics and game audio.
 - Optimized for mobile platforms and published on **itch.io** (profile: <https://pranay-shah.itch.io/>)

TECHNICAL SKILLS

- **Language:** C, C++, Java, Python, SQL, HTML-CSS, Dart
- **Platforms:** Flutter, RDBMS, Unity, React, GitHub

RESEARCH PAPER

Utilization of Blockchain Technology in Artificial Intelligence–Based Healthcare Security

Shah, P., Mishra, S., Adrian, A.M. (2024). Utilization of Blockchain Technology in Artificial Intelligence–Based Healthcare Security. In: Idrees, S.M., Nowostawski, M. (eds) Blockchain Transformations. Signals and Communication Technology. Springer, Cham. https://doi.org/10.1007/978-3-031-49593-9_2 **2022**

EXTRA CURRICULAR ACTIVITIES & ACHIEVEMENTS

- SII Scholar provided by the government of India to pursue Btech CSE in KIIT.
- Active member of International Student Society Musical Band.
- Member of Management Committee, SET Council St.Xaviers College