

DIPESH RANABHAT

Student

CONTACT

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EDUCATION

2022-Present

GANDAKI UNIVERSITY

- Bachelors of Information Technology

2019-2021

AMARSINGH HSS

- Science Stream
- GPA: 3.65/4.0

SKILLS

- Critical Thinking
- Teamwork
- Leadership
- Effective Communication
- Web UI design
- Troubleshooting

LANGUAGES

- English: Fluent
- Nepali: Fluent
- Hindi: Intermediate

PROFILE SUMMARY

I consider myself a responsible and orderly person who is always on a lookout for a positive and better outlook.

I am open to new experiences and accepting challenges.

MY WORKS (GROUP PROJECT)

Android Music App

- An online music streaming application built using Android Studio. It is integrated with Deezer API and UI design is done with XML, Java is used for app logic and built in SQLite for database.
- It was done as a BIT third year group project .

Soil Moisture Sensor

- A resistance based soil moisture sensor built using arduino uno and moisture sensors
- It was done as a BIT second year group project

MY WORKS (SINGLE PROJECT)

Esmart Switch

- A smart switch which can be controlled remotely using mobile app as well as web interface. Using a Tasmota-flashed ESP32 microcontroller connected to a custom prototype switch board, the system provides reliable MQTT-based communication to toggle lights, schedule on/off timers and monitor device status
- After a brief Yarsa Tech workshop, I further developed an App and web UI to remotely control the LED light

Portfolio Website

- My Personal Portfolio website built using HTML, CSS and JavaScript.
- The site is currently deployed on the domain: www.ranabhatdipesh.com.np