

Raunak Raj Adhikari

Student

CONTACT

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ABOUT ME

I have always been that mischievous kid who would bust open any electronic gadgets just to see how it worked from the inside. I remember once breaking a toy helicopter that my parents so preciously bought for me only to see what's inside. I have made various toys on my own using electrical components that I would make my parents buy for me, I designed a Bluetooth toy car on my own, made my own speakers and various other gadgets all during my middle school.

In my 11th grade, my school still used paper-based routines for daily class schedules. All the classes, subjects and their groups were all mixed up in a single sheet of paper where students and teachers would have to memorize their subject group divisions and identify their class room. Frustrated of trying to memorize everyday routines, I, one day, came up with a solution to develop a web application which could generate individual routines. In the break right after the 11th grade, I started working on my application which was almost ready by the end of the break. It took some testing and refitting but my school started using the application in the same academic term. The application allowed the administrative staffs to configure classes, breaks, manage students in groups, track students who missed or skipped a class and automatically generated individual and personalized routines for students and teachers.

PROJECTS

Pathshala Routine App (2023)

<https://pnf-app.raunakrajadhikari.com.np>

- This app allows admins to create schedules for students and teachers, allowing access to their own schedules and generating lists of available students for specific time slots.

Bluetooth Control Car (2020)

<https://github.com/raunakrajadh/bluetoothcar-arduino>

- This project involves crafting a toy car using electronic components such as Arduino, Bluetooth Module, Motor Controller, etc. Users can control the car remotely via Bluetooth.

Raktalink (2024)

<https://raktalink.raunakrajadhikari.com.np>

- Users can search for blood by provided details such as required blood type, location, and amount of blood required. The platform connects them to blood banks that have live updates of their blood stock by providing contact details of those blood banks.

Other 25+ Personal Projects

Chat app: Connects two or more users chat together,
Websites: Including personal websites and website made for a hackathon
Chatbots: Chat with a google AI
Discord Bots: Music Bots, Find Friends Bot, etc.
Automations: Reel & Quote Generators (Generates AI Reels/Quotes) Fun Projects:
Minecraft Bot, Music Streaming Service, etc.

All projects are displayed/available in the link below:
<https://github.com/raunakrajadh?tab=repositories>

CERTIFICATES

Community Service
Volunteering

Hackathon– Watson Code Fest 2024
Participation

Hackathon– Dristi Hackathon (KEC)
Participation

Pathshala Internal MUN
Volunteering

Hackathon– Hackademia 2024
Organizer