

# Nabin Poudel

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## SUMMARY

As a focused Electrical and Electronic Engineering student specializing in Communication, I enjoy delving into the communication technologies. Equipped with a strong academic background and practical experience, helps me in pushing the boundaries of communication systems and telecommunication.

## SKILLS

### Core Skills

RF Planning  
Signal Processing  
Digital Circuit Design

### Software & Programming Skills

Proteus  
Cisco Packet Tracer  
Atoll Planning Software  
Actix  
DIALux  
Opti system  
Matlab

### Soft Skills

Public Speaking  
Project Management

## EDUCATION

### **Kathmandu University**

*Dhulikhel, Kavre*

*Bachelor of Electrical & Electronics Engineering (Communication)*

*08.2019 – 06.2024*

### **Nepal Mega College**

*Babarmahal, Kathmandu*

*Intermediate in Science*

*07.2017 – 08.2019*

## PROJECTS EXPERIENCE

- **Coverage and Capacity Planning for 5G Networks for Banepa** [Major Project]  
Using Atoll, an advanced RF planning tool, a 5G network was designed for the optimal coverage and capacity at 2600 MHz Band for the Banepa area that will set a reference for future 5G deployment in Nepal.
- **IOT based Waste Segregation System** [Minor Project]  
This project is based on segregation of common wastes viz plastic & metal waste and monitored through IOT platform.